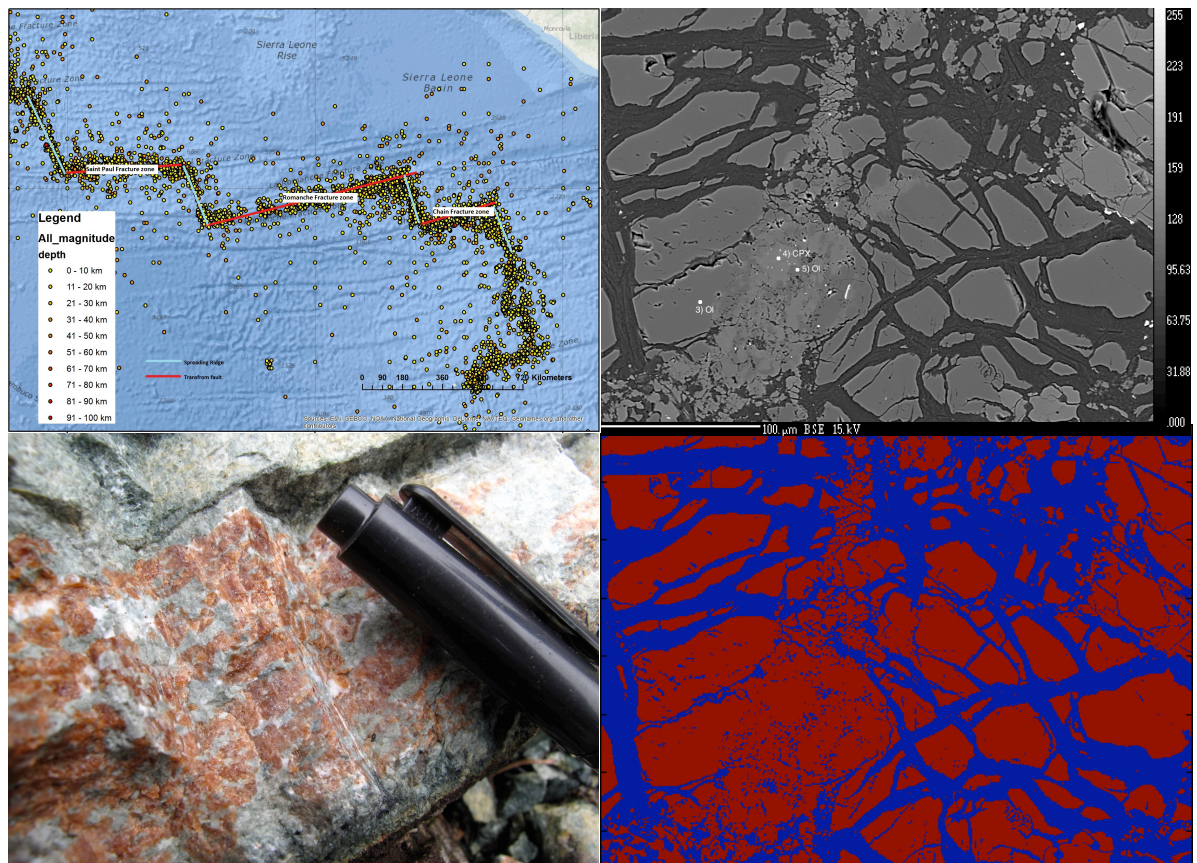


Master Thesis, Department of Geosciences

Linking earthquakes and serpentinitization of the oceanic lithosphere

Kwan Ming Deuts Tse



UNIVERSITY OF OSLO

FACULTY OF MATHEMATICS AND NATURAL SCIENCES

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Master Thesis in Geosciences

Discipline: Geohazards

Department of Geosciences

Faculty of Mathematics and Natural Sciences

University of Oslo

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UNIVERSITY OF OSLO

MASTER THESIS

Linking earthquakes and serpentinization of the oceanic lithosphere



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for the degree of Master of Science, Geoscience*

in the

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“It takes an earthquake to remind us that we walk on the crust of an unfinished earth.”

Charles Kuralt

Journalist, 1934-1997

Abstract

Serpentinization of oceanic lithosphere has long been a study object among the geologists. It has an important role in various aspects. Geologically, it changes the density, rheology and seismic velocity of the crust. The isochemical reactions of serpentinization consume and release many different chemical elements (i.e. Al, Ca, Mg, B, Si etc.) and it creates an elements flux in the hydrothermal system through metasomatism. It also exhumes organic compounds such as methane to fuel the organisms that metabolise using methane. It is therefore considered as a driving force for lives in deep ocean environment where sunlight cannot be reached. Earthquakes on the other hand, which are usually perceived as a natural hazard which poses threats to human's life and properties, is actually considered to be a "helping" hand to enhance serpentinization in oceanic lithosphere. It basically assists the serpentinization both actively (seismic pumping and forced metasomatic depositions) and passively (opening up cracks as hydrothermal conduits). The field observation in Leka allows us to crudely quantify the amount of crust that are sheared each year volume-wise. The results is 17.4 km³per year within the study area. The relationship between magnitude and sheared volume is positive even though higher magnitude earthquake occurs less than the lower ones.

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Chapter 1

introduction

Earthquake is a dynamic process resulted which accumulated frictional force is released inter or intra-crustal during tectonic movement. Serpentinization of rock minerals plays a very important role in determining the density of the crust ([Austrheim and Prestvik, 2008](#)). The degree of serpentinisation determines how dense the rock is and affecting its geodynamic role such as subduction/obduction during collision. It also determines the petrophysical properties in terms of seismic velocity. The mid oceanic ridges and their transform faults are main areas for rapid tectonic movements. The rapid earthquake activities contribute both actively and passively for oceanic lithosphere to be serpentinised. Active contribution indicates seismic pumping in which hydrothermal fluid is actively pumped into the rock as pulses during earthquakes ([Austrheim et al. \(2009\)](#), [Sibson et al. \(1975\)](#)). The tremendous amount of energy released from earthquake creates numerous cracks in the crust. This enhances the permeability of the oceanic crust and therefore hydrothermal fluid can flow through the rocks and results in hydration and metasomatism. This is thus a passive effect.

This study aims at linking seismic events with the serpentinization of the oceanic lithosphere. Due to practicality, it is impossible to explore the in-situ condition along the mid-oceanic ridges (MOR). Therefore, ophiolite complex on continental crust is an alternative option to observe the past events of serpentinisation within ocean floor. The study is carried out in Leka, Norway. The Leka Ophiolite Complex is the most well-preserved complex of the Scandinavian Caledonides ([Prestvik, 1979](#)). The complex experienced 10 - 100% serpentinization on its ultramafic part ([Austrheim and Prestvik, 2008](#)). A hypothetical work of calculation is designed (see section [4.1.4](#)) based on the observation made

in Leka. The finite result is quantified into a volumetric value. In order to estimate the extent of how earthquake can contribute serpentization, an extensive earthquake database using the available past recorded earthquake events on selected area along the mid-oceanic ridge is created. This database is then related into the past events and combined with several regression models to have a quantitative result of rock processed. Electron microprobe (EMP) was used to determine the chemical composition of the rock samples collected from the fieldwork. The chemical relationship between the minerals and the hydrothermal fluid resulted from metasomatic exchange in hydrothermal conduits will be analysed based on the probe data and the physical relationship in the microscopic pictures.

The focus of this study is to connect an arithmetic approach with geochemical data of how earthquake might enhance serpentisation. It will show how earthquake and serpentization are closely related and how they affect each other physically and chemically. The importance of earthquake in serpentization is weighted in quantitatively in this study. And it will show how their relationship contributes to the earth.

Chapter 2

Methodology

2.1 Field work

The field work was carried out in Leka, Norway. The major study in the field is basically separated into two parts: mapping and sampling.

2.1.1 Mapping

As shown in figure [2.1](#), the mapping route (pink) goes across one of the major faults in the area. The area is consisted of dunite and clinopyroxenite with various displacement from a series of N-S trending faults. The deformation zone lasts for about 250m and the thickness averaging at 1.8 m with thickest width at 1.97 m.

In figure [2.2](#), it shows that the rock on the left hand side is more brecciated than the right hand side. The zone is being deformed alteration is obvious based on texture, colour and foliations. Figure [2.3](#) shows a fault which displaced the dunite and pyroxenite layer in a sinistral direction.

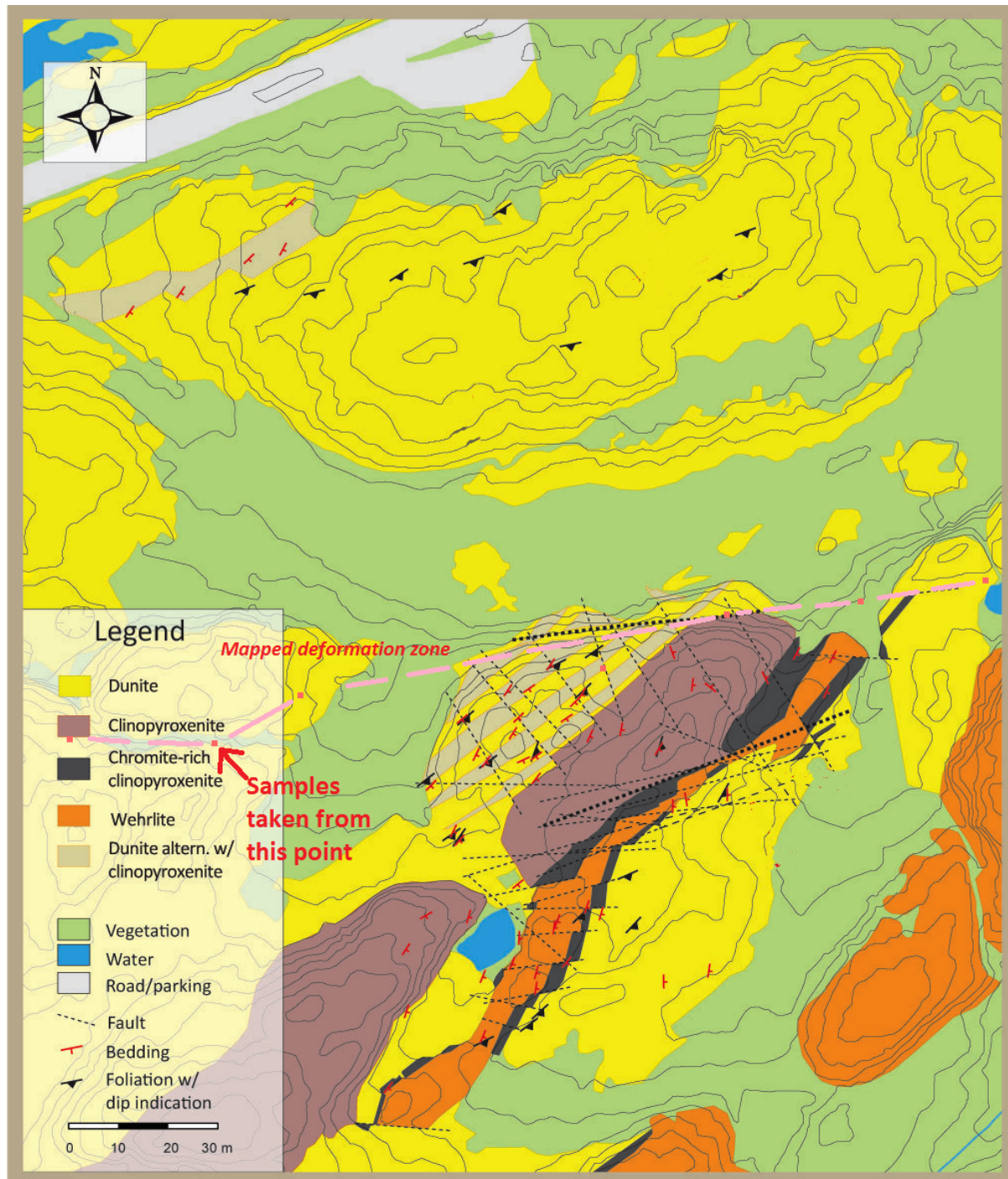


FIGURE 2.1: Field work area showing mapping and sampling area, the pink dashed-line indicating the mapped area.



FIGURE 2.2: Brecciated area VS non-brecciated area

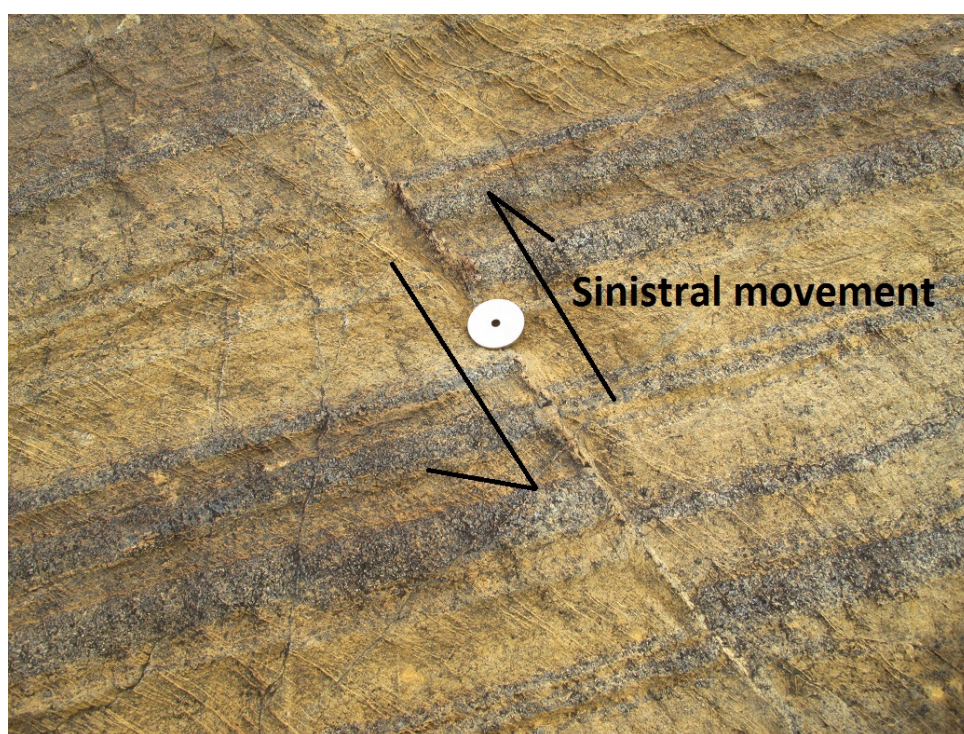


FIGURE 2.3: Dunite/pyroxenite alternation, a sinistral movement is shown

2.1.2 Sampling

Two rock samples were collected, LE 5-13 and LE 6-13. The LE 5-13 was collected from the non-brecciated area while the LE 6-13 was collected from brecciated zone.



FIGURE 2.4: LE 5-13 was collected from here



FIGURE 2.5: LE 6-13 was collected from here

2.2 Electron microprobe

The samples were then cut into 2 different thin-sections. And were analysed under the EMP machine for chemical analysis and structure observation.



FIGURE 2.6: LE 5-13 thin-section scanning



FIGURE 2.7: LE 6-13 thin-section scanning

2.3 Earthquake database

10218 data points were extracted from the Incorporated Research Institutions for Seismology, IRIS. They are incorporated in an spreadsheet file in Appendix [A](#). For visual representation of all the data points, please see [4.2](#).

Chapter 3

Geology

3.1 Scandinavian Caledonides

The Caledonian orogeny consists of various stage. According to [Roberts \(2003\)](#), there are mainly 4 tectonostratigraphical phases which resulted in stacking of rock sequences under numerous thrusting and obduction. These events are namely (in chronological order): Finnmarkian phase, Trondheim phase, Taconian phase and Scandic phase.

Finnmarkian phase. This is the earliest phase ([Roberts and Gee, 1985](#)) of the Caledonian orogeny. According to [Roberts and Gee \(1985\)](#), it was dated around Middle to Late Cambrian time (ca.520-500 Ma). The collision between the Baltoscandian margin and the then-existed magmatic arc over Ægir sea (NE of Iapetus Sea) ([Torsvik and Rehnström, 2001](#)) results in this phase of the orogeny ([Sturt and Roberts, 1991](#)). The subduction zone experienced eclogite-facies metamorphism peaking at around 505 Ma ([Mørk et al., 1988](#)). The compressional force causes thrusting of nappes on the Baltoscandian margin creating Seve Nappes and Middle Allochthon ([Roberts, 2003](#)).

Trondheim phase. The effect in Finnmarkian phase started to diminish as Baltica continued rotating in anti-clockwise direction ([Torsvik and Rehnström, 2001](#)). Baltica was now turning towards Laurentia plate and closing the Iapetus Sea further. According to [Roberts \(2003\)](#), Trondheim phase lasted between 480 to 475 Ma and it resulted in various metamorphism and deformation including the blueschist metamorphic parageneses and ophiolite obduction. Leka was probably being obducted on to the Baltica plate during this phase.

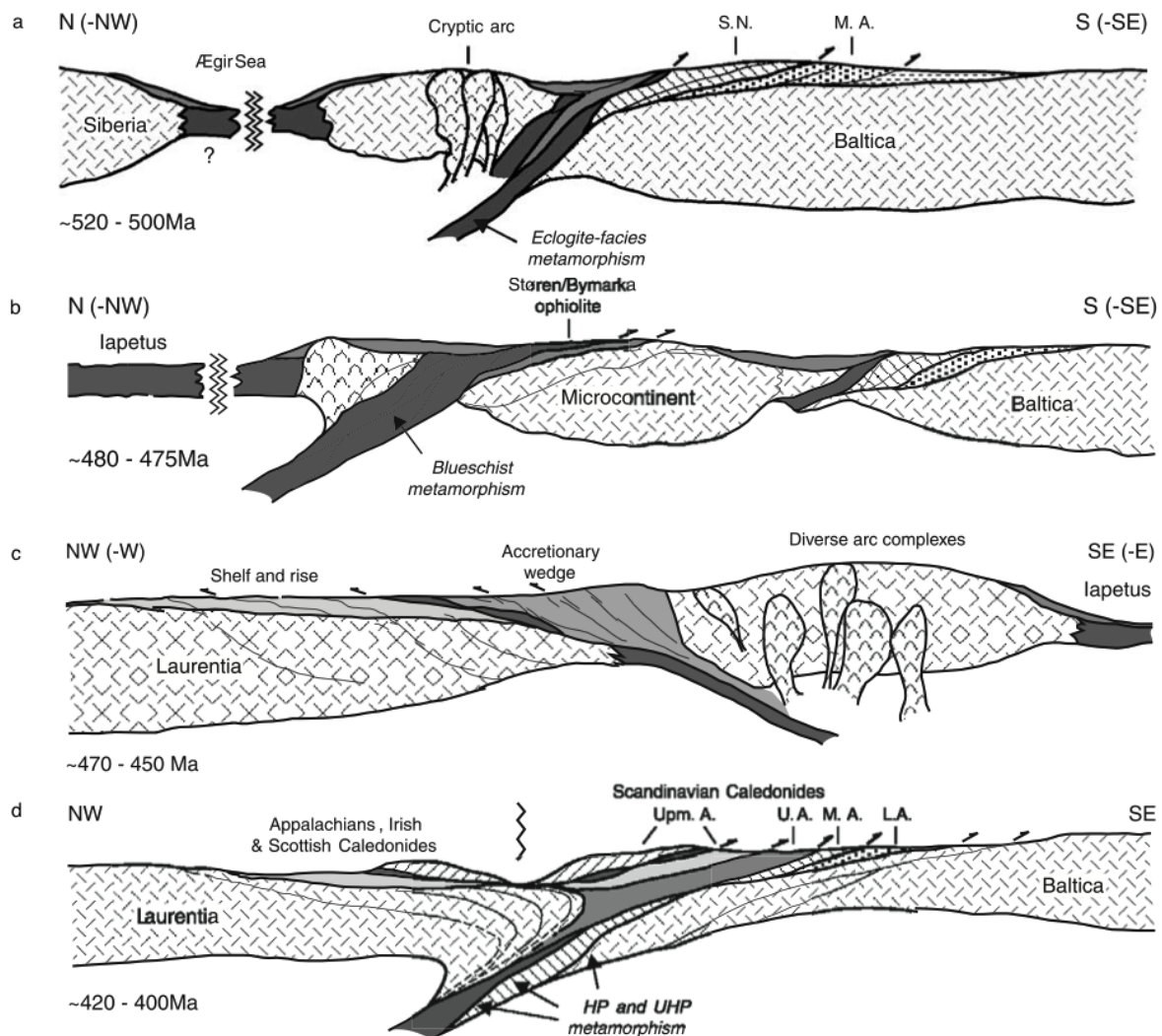


FIGURE 3.1: The chronological order of Caledonian Orogeny. (a) It depicts the event where Baltica subducted under the magmatic arc in Aegir sea. As a results, Seve Nappes (S.N.) and Middle Allochthon (M.A.) were thrust over the Baltoscandian margian of Baltica. Subduction zone experienced eclogite-facies metamorphism. (b) Blueschist-facies metamorphism and ophiolite obduction over the micro-continent that might be detached from Baltica (c) Taconian phase caused accretionary wedge thrust over the Laurentia continental plate. The arc-continental collision built up pressure in subduction zone and eclogite-facies metamorphism is thought to be reached. (d) Scandian phase resulted from the collision between Laurentia and Baltica. It caused thrusting sheets emplaced over Baltica and became stacking of allochthons. According to [Roberts and Gee \(1985\)](#), the allochthons are Lower (L.A.), Middle (M.A.), Upper (U.A.) and Uppermost Allochthons (U.A.). [Sourced and edited from [Roberts \(2003\)](#)]

Taconian phase. It lasted between Mid to Late Ordovician, about 470-450 Ma (Roberts, 2003). The Taconian event was much like the Finnmarkian phase which was also caused by arc-continental collision. The subduction between the Laurentia plate and the off-shore magmatic arc in Iapetus sea (see Figure 3.1c) resulted in eclogite-facies metamorphism (Yoshinobu et al., 2002) and ophiolite obduction (Oliver and Krogh (1995)). According to Roberts (2003), the evidence of Taconian metamorphism can be found on the Upper Allochthon in Northern Sweden which was left after it was thrust over Baltica in the late Scandian phase.

Scandian phase. It is the main stage for orogenic build up of the Caledonion Allochthons in Scandinavia (Roberts and Gee, 1985). With Baltica and Laurentia moving towards each other and the rapid closing of Iapetus Sea, the two continental plates collided with each other from around 420 - 400 Ma (Mid Silurian to Early Devonian) (Roberts and Gee, 1985). The constant compression built up the accretion wedge with Baltica subducted under Laurentia (see Figure 3.1d). It resulted in numerous thrusting on the existing nappes on Baltica. This characterised the 4 typical Allochthons as mentioned in Roberts and Gee (1985). They are Uppermost, Upper, Middle and Lower Allochthons (see Figure 3.1d) (Roberts, 2003).

3.2 Geology - Leka

According to Roberts (2003), the Leka ophiolite complex is assigned in the Uppermost Allochthon. The Leka ophiolite complex is considered to be well preserved and was originally formed as part of the oceanic crust in Northern Atlantic Iapetus Sea (Maaløe, 2005). It was obducted on continental Caledonians between Ordovician and Silurian times and was formed around 497 ± 2 Ma (Dunning and Pedersen, 1988).

There are two major fault sets in the area: the major NE-SW set and the minor NW-SE set (Titus et al., 2002). It is believed that the NE-SE set is tensional and had a sinistral movement. According to Furnes et al. (1988), the Leka ophiolite complex has a complete set of principal components as normal ophiolite including pillow lava, mantle structure and alternate crustal sequences. Alteration is however common on Leka (Austrheim and Prestvik, 2008). The scale varies from 10 - 100 %. Rodingite characterised by presence of garnet is usually found in the deformation zone resulted from metasomatism. Dominant type of rock is ultramafic rocks such as dunite, wherlite, websterite and clinopyroxenite.

Chapter 4

Results and analysis

The study is separated into statistical part and micro-geochemistry part. The first part involves analysis of the past earthquake records by building up a database. The database will be used to combine with a hypothesized model based on in-field observation.

The second part involves microscopic aspect of the study. Two samples from within and outside of a deformation zone (as shown in figure 2.4 and 2.5) were collected and are compared for their physical and chemical differences using electron microprobe (EMP).

4.1 Statistical and Quantitative measures

In order to find out how earthquake is related to serpentinization of ocean floor quantitatively, this part of the study is divided into 4 steps.

1. Build up an earthquake database.
2. Find out the relationship between different types of magnitude in the database.
3. Determine the most suitable regression model for calculating the 2-dimensional rupture area.
4. Propose a hypothesized approach to convert 2D data into 3D volumetric data using data from field observation.

4.1.1 Step 1 - An earthquake database - a statistical approach

The earthquake database was built up by using an online database empowered by Incorporated Research Institutions for Seismology (IRIS, website: <http://www.iris.edu/SeismiQuery/sq-eventsmag.htm>). At the early stage of building up the database, the study area was between 60.5N - 54.6S and 59.8W - 9.5E (see Figure4.1). However, due to the processing capacity of the computer and for better precision, the area is finally confined within 15N - 15S and 48W - 9.5S (Figure4.2). The reasons of selecting within the current range are as follows:

1. The current area is the representative covering both spreading and transform faults zones
2. Romanche fracture zone and other transform faults are within the study area. According to [Abercrombie and Ekström \(2001\)](#), The Romanche fracture zone is one of the longest transform fault in mid oceanic ridge system with length of up to 900km. See Figure4.3
3. The pool size of the data points is reasonable (data of 10218 earthquake incidents). This provides a diversified numbers of data and therefore more objective

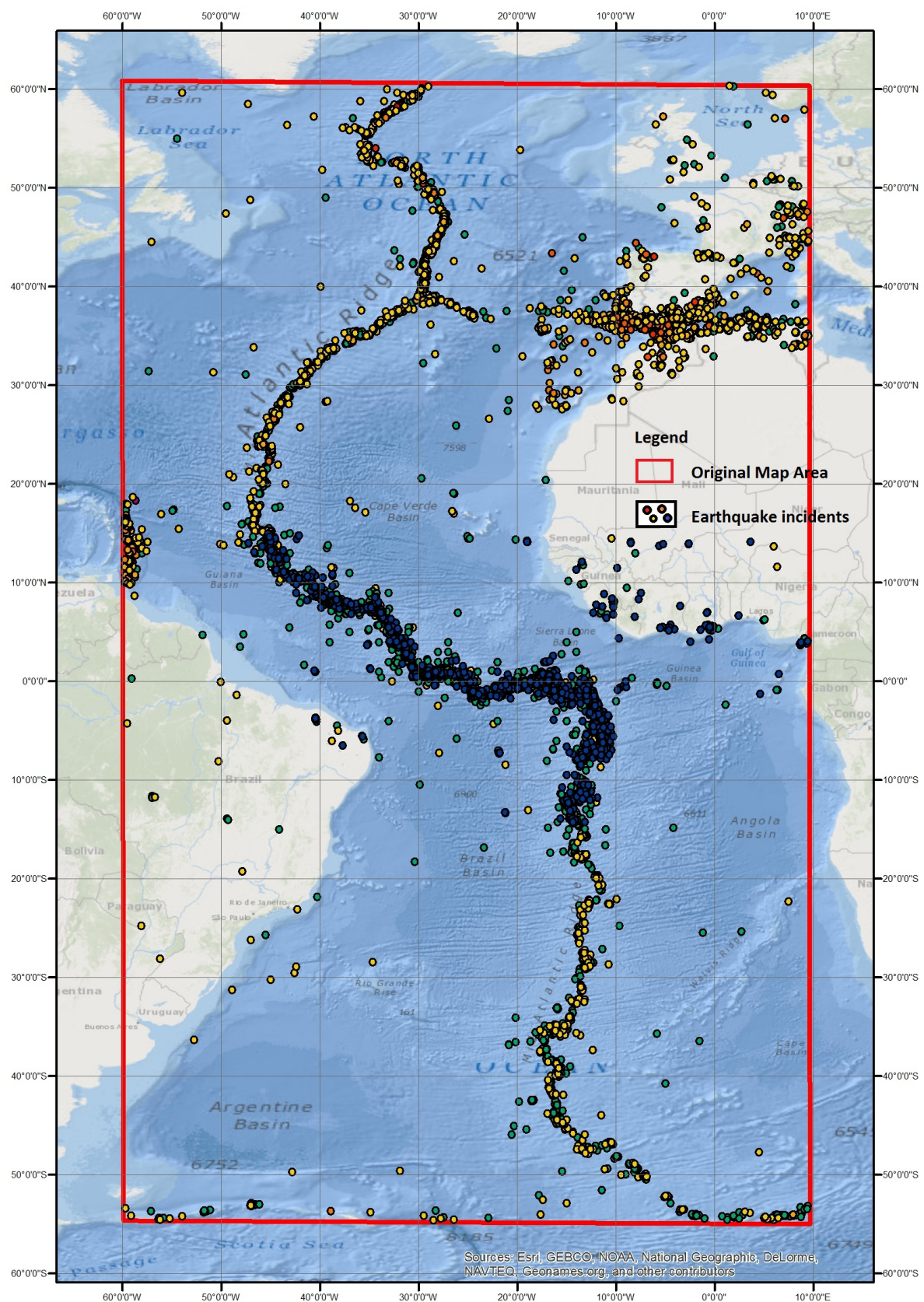


FIGURE 4.1: The original area and all the earthquake incidences.

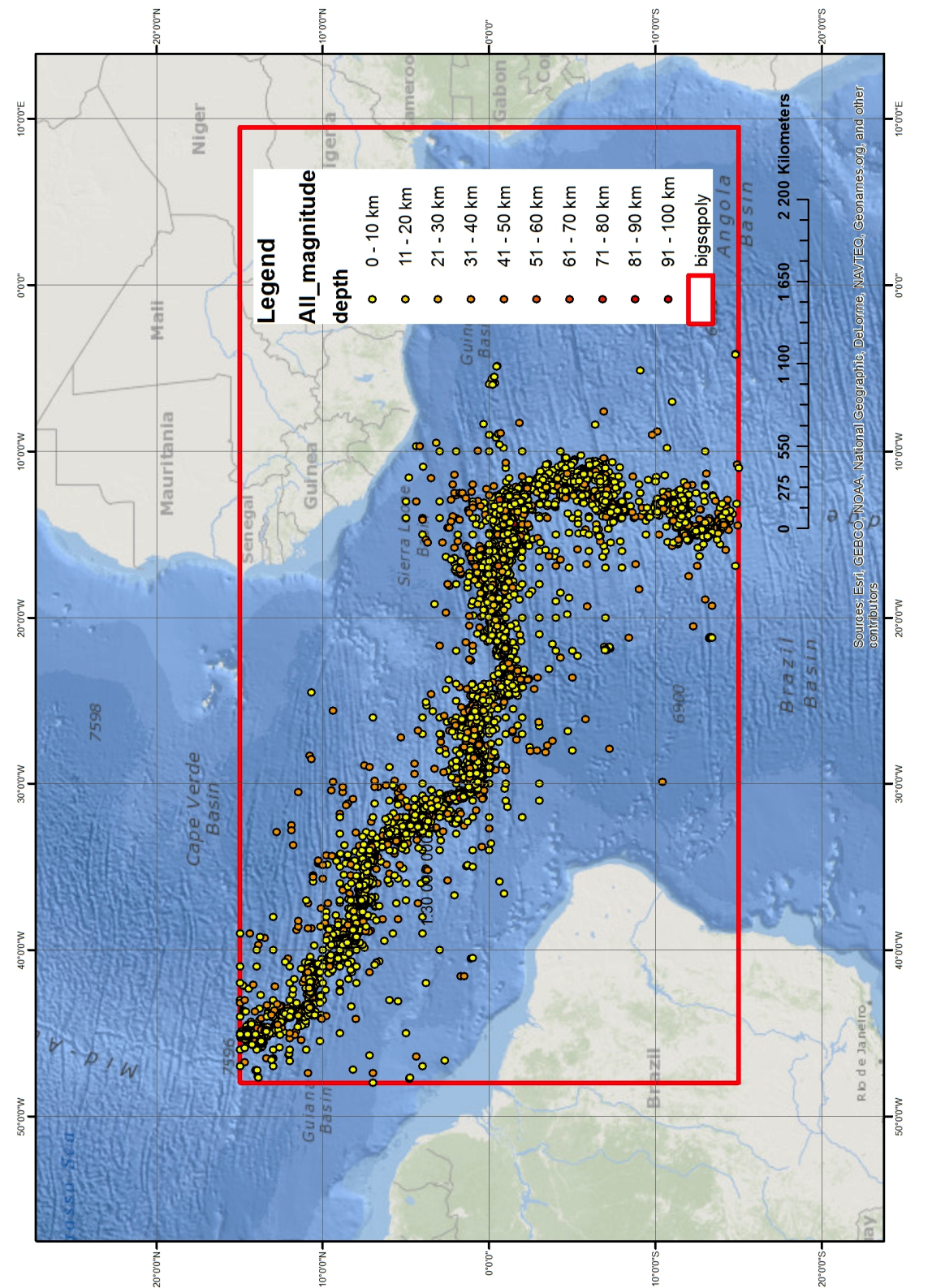


FIGURE 4.2: The final confined area and all the earthquake incidences in depth.

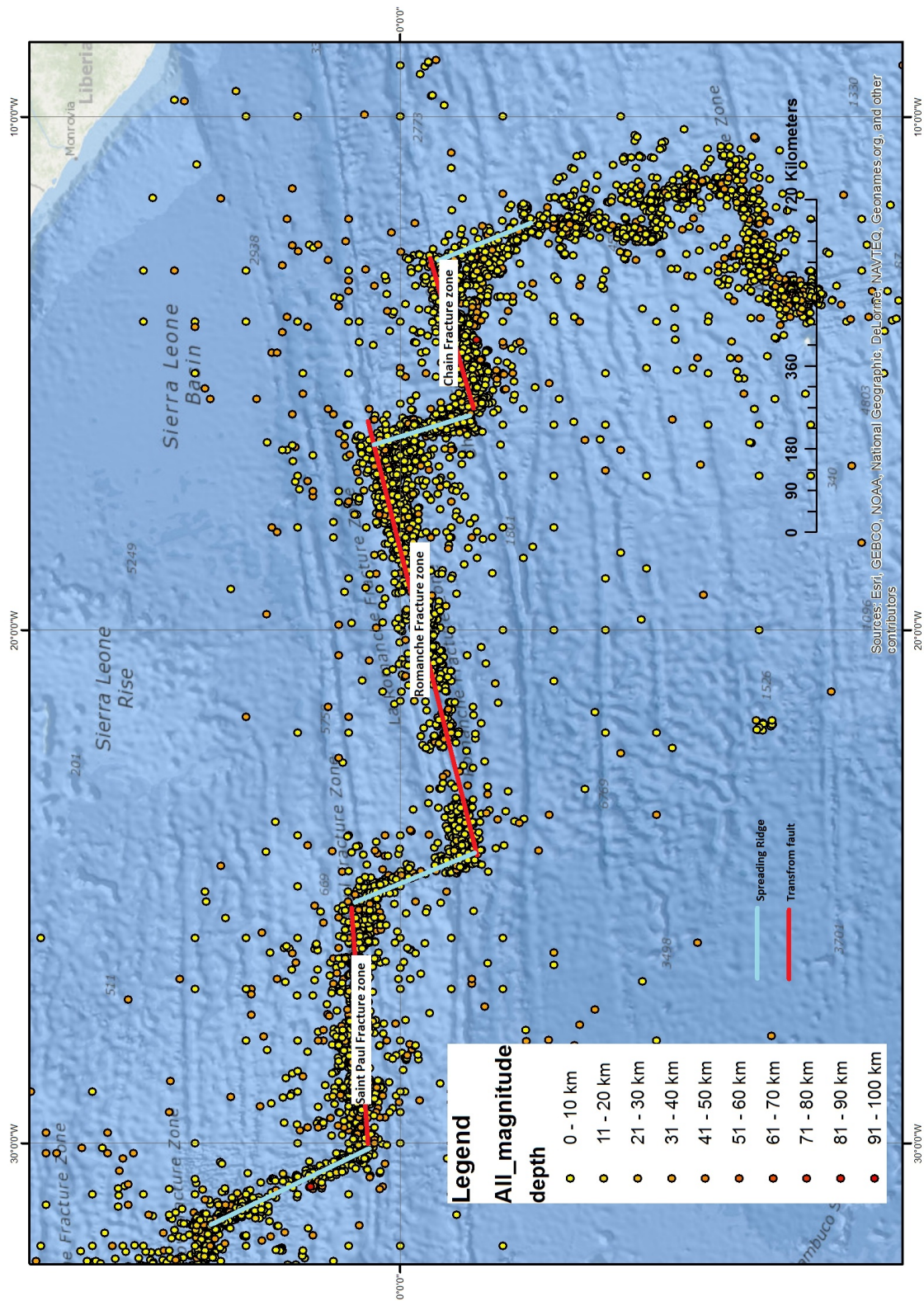


FIGURE 4.3: Zoomed-in map showing Romanche Fault Zone, Saint Paul Fault Zone and Chain Fault Zone.

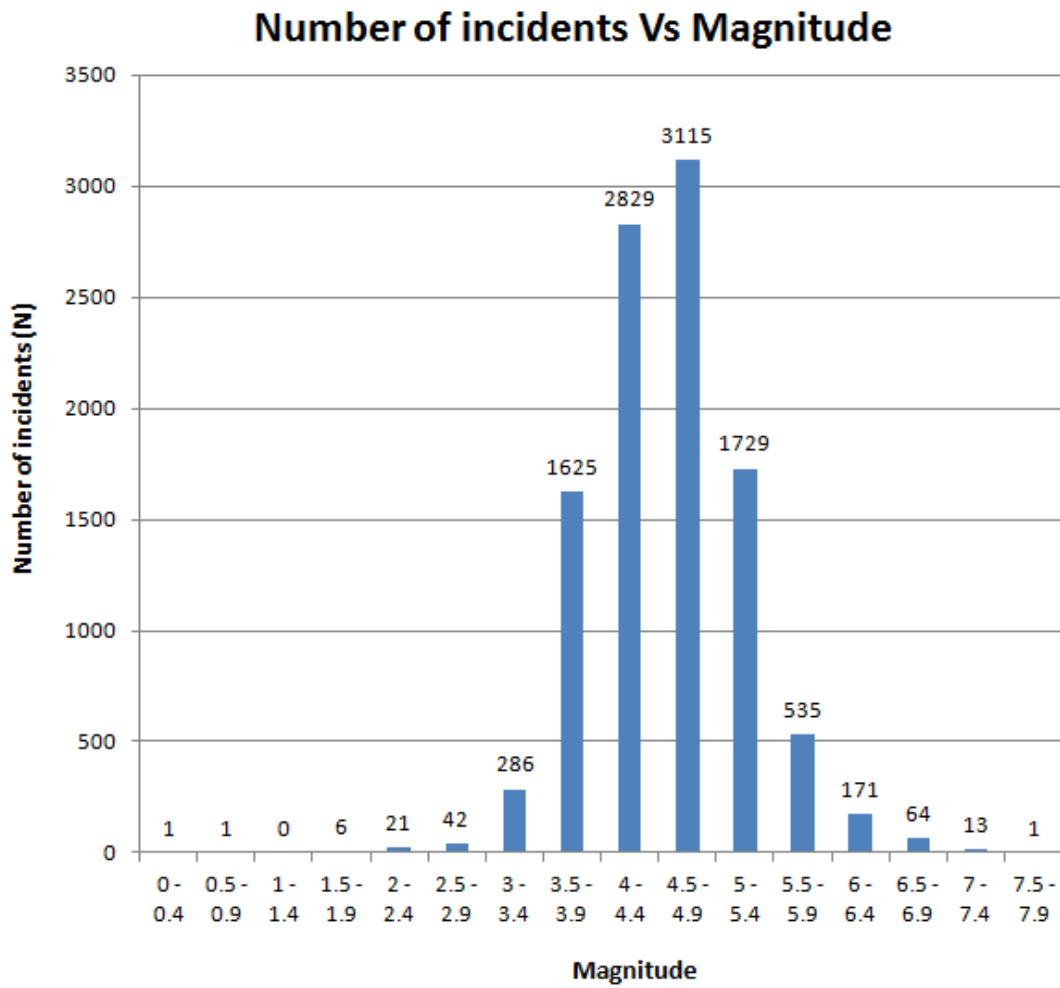


FIGURE 4.4: The bar chart showing the distribution between the number of incidents and the magnitudes

In Figure 4.4, we can see the relationship between the number of earthquakes and magnitudes based on the 10218 data points. (for the complete table, see Appendix A). The graph shows that most earthquakes are at magnitude between 4.5 - 4.9. However, it simply does not reflect the reality of the seismic frequency. According to [Gutenberg and Richter \(1965\)](#), the Gutenberg-Richter law states that the frequency of occurrence will increase exponentially when the magnitude decrease. Which means the less powerful the earthquake, the more likely it will happen and vice versa. The Gutenberg-Richter law (GR law) is as follows:

$$\log_{10}N = a - bM$$

N is the number of earthquake incidents with magnitude $\geq M$, and "a" and "b" are constants.

Based on the result in this study (see Appendix A), we have a total of 10218 seismic events measured between 1 January 1970 to 24 September 2013 within the study area (see Figure 4.2). The GR law parameters are different depending on the seismic setting of the area. In the report of Bayrak et al. (2002), it states that different situation may results in different "a" and "b" values in the GR law equation.

Region	M_{\min}	% Data below M_{\min}	Number of earthquakes above M_{\min}	Region	a	b	a/b	TE
1	3.0	83	18,045	Aleutian Trench	6.35	0.63	10.08	OSZ
2	3.0	50	17,421	San Andreas Fault	6.11	0.72	8.49	CT
3	3.5	76	11,338	Mexico Trench	6.08	0.58	10.48	OSZ
4	5.0	20	778	East Pacific Ridge	8.37	1.19	7.03	MOR
5	3.0	74	6386	Caribbean Trench	5.65	0.64	8.83	OSZ
6	3.3	79	17,747	Peru–Chile Trench	5.95	0.53	11.23	OSZ
7	4.8	44	741	Chile Ridge	7.51	1.01	7.44	MOR
8	4.0	79	17,224	Tonga Trench	7.23	0.72	10.04	OSZ
9	4.8	46	1457	Pacific-Antarctic Ridge	7.60	0.95	8.00	MOR
10	4.0	60	3106	Reykjanes Ridge	7.42	0.99	7.49	MOR
11	4.5	53	3510	Mid Atlantic Ridge	7.95	1.00	7.95	MOR
12	4.3	75	1862	Sandwich Trench	6.53	0.74	8.82	OSZ
13	4.3	72	1171	South-West Indian Ridge	6.83	0.86	7.94	MOR
14	4.8	47	1371	South-east Indian Ridge	7.41	0.93	7.97	MOR
15	4.0	85	1314	Mid Indian Ridge	7.14	0.94	7.60	MOR
16	3.8	52	1419	African Rift	5.89	0.73	8.07	Rf
17	3.0	89	3600	Aegean Trench	5.68	0.69	8.23	OSZ
18	2.8	76	1706	North Anatolian Fault	4.80	0.55	8.73	CT
19	3.5	80	2507	Bitlis–Zagros Collision zone	6.37	0.78	8.17	CZ
20	4.0	57	3392	Himalayas Collision Zone	6.17	0.69	8.94	CZ
21	3.8	76	13,755	Sumatra–Java Trench	6.76	0.67	10.09	OSZ
22	3.8	87	14,893	Philippine Trench	6.84	0.68	10.06	OSZ
23	4.0	63	5962	Nonsai Shoto Trench	6.07	0.61	9.95	OSZ
24	4.0	67	13,115	Kurile Trench	6.48	0.63	10.29	OSZ
25	3.5	77	1534	Japan Trench	6.25	0.61	10.25	OSZ
26	3.5	92	4803	Mariana Trench	6.27	0.68	9.22	OSZ
27	4.0	71	24,861	Solomon–New Hebrides Trench	6.63	0.60	11.05	OSZ

MOR: mid-oceanic ridges and transform faults, TE: tectonic environments, OSZ: oceanic subduction zone, CT: continental transform, Rf: rift, CZ: collision zone.

FIGURE 4.5: It shows different areas have different parameters based on their seismicity, sample size, study period etc. (Picture sourced from Bayrak et al. (2002))

Although the parameters of the GR lineation for each individual region clearly stated in the Bayrak et al. (2002) report (see Figure 4.5), it is the best if this study has its own parameters. This is because the time, area and the sample size of the data are different than those in the Bayrak et al. (2002) report.

The constant "a" in the equation is the intercept to the y-axis (i.e. y-intercept = 10^a , Stein and Wyssession (2009)) and b is the slope. According to Stein and Wyssession (2009),

b is usually 1. This means the number of incidents go up ten-folds for ever 1 magnitude decrease (i.e. if there are 10 incidents of $M = 7$ in a given period of time, $M = 6$ should have around 100 incidents and $M = 5$ has 1000 respectively). For instance, in high seismicity region, b is usually higher resulting in greater multiplication of the number of events when magnitude goes down (Stein and Wyssession, 2009). Since constant "a" is the y-intercept of the incidents, the duration of the study and the seismic activeness of the area can interfere the values greatly (Bayrak et al., 2002).

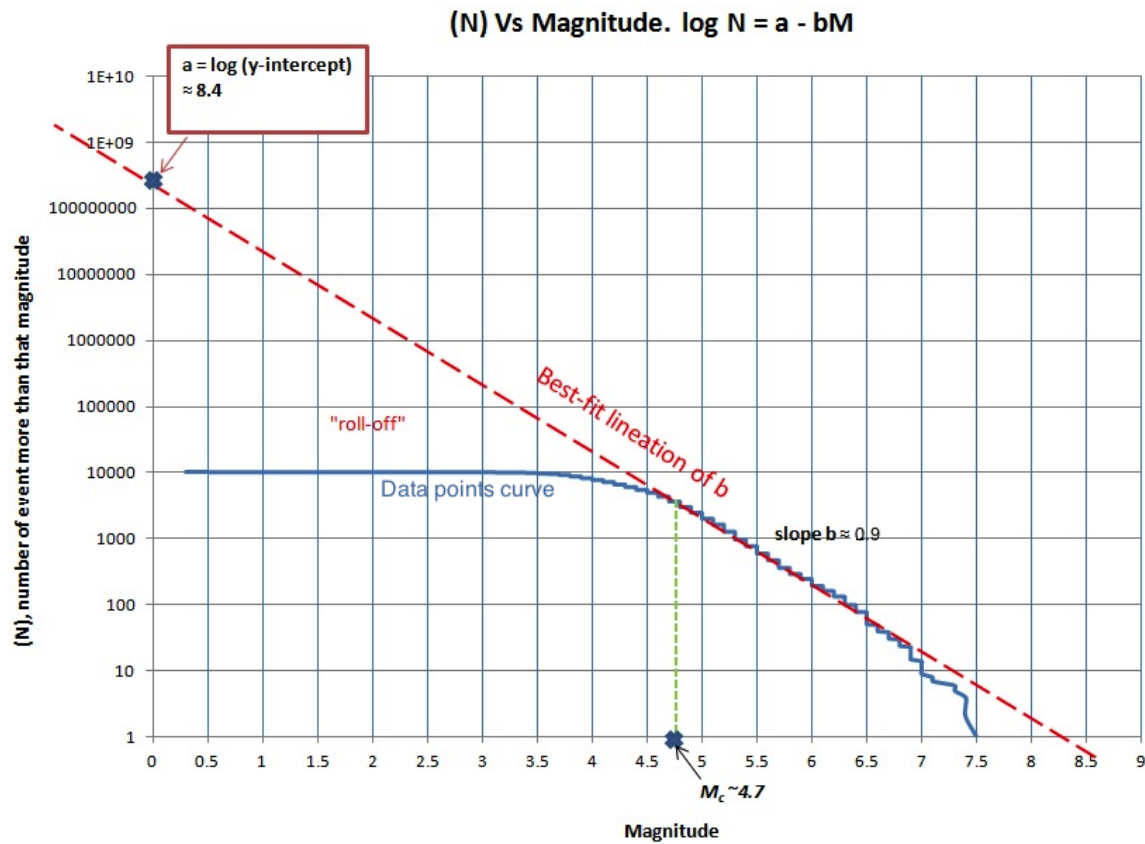


FIGURE 4.6: The GR relationship of this study.

In the normal theoretical graph of GR law, the result should be co-lineated to form a straight line (Gutenberg and Richter, 1965) as GR law equation is a linear equation (i.e. $y = a + bx$). However, as you can see from Figure 4.6, the blue curve doesn't form a straight line as it appears to level at low magnitude ($M < 5$) and turn away from the best-fit projection. The phenomenon is called "roll-off" (Gutenberg and Richter, 1965). This indicates the data set is "incomplete" (Wiemer and Wyss, 2000). In order to show the accuracy of the statistic, the magnitude where the curve starts "rolling off" from the straight line is set as a cut-off limit. This magnitude is called the magnitude of completeness (M_c , Wiemer and Wyss (2000)). The magnitude below M_c are regarded

as "incomplete". The reason why the data are incomplete is due to the accuracy of the survey, sensitivity of the detection machine, proximity to the seismic station etc. (Wiemer and Wyss (2000); Stein and Wyss (2009); Bayrak et al. (2002))

Base on Figure 4.6, we can deduce that the GR relationship in this study is:

$$\log_{10}N = 8.4 - 0.9M$$

Where $a = 8.4$ and $b = 0.9$

If we compare this result with the result in Figure 4.5, we can see that (at the Mid-Atlantic ridge row) the b values have 10 % difference and the a values are only 5.6 % different.

4.1.2 Step 2 - Different types of magnitude and their relations

The two main magnitude types to recalculate the rupture length are surface-wave magnitude (M_s) and moment magnitude (M_w). Before moment magnitude was introduced to determine the scale of earthquake in 1970s, M_s used to be the main magnitude. The M_s was determined by the Rayleigh surface wave arrived from the epicenter in order to model the magnitude scale reversely. The equation is as follows (Stein and Wyss, 2009):

$$M_s = \log\left(\frac{A}{T}\right) + 1.66\log(D) + 3.3$$

Where A is the amplitude of ground movement; T is time interval; D is azimuth between epicenter and the station. According to Wells and Coppersmith (1994), M_s has flaws in measuring very large (>8) or minor (<5.5) earthquakes. This is due to its initial assumption of earthquake energy is transferred proportionally disregarding the time period and its size (Stein and Wyss, 2009). The distance between the epicenter and the station also creates an inaccuracy for the earthquake measurement. The earthquake measurement in M_s , as shown in the equation, is depending on the azimuth (D) between the epicenter and the center. Inaccuracy increases as wave travel to a longer distance and changes its nature due to various crustal structures (Wells and Coppersmith, 1994).

The M_w is thought to be a better indicator in determining the size of earthquake. As M_w is determined by the exact seismic moment M_0 of an earthquake. M_0 relates to the rupture displacement (D), area (A) and shear modulus (μ) of the rock where the earthquake takes place. The equation of M_0 is:

$$M_0 = \mu \cdot D \cdot A$$

**where shear modulus μ is usually assumed to be 3×10^{11} dyne/cm²*

M_w is one of the main magnitude type used in measuring earthquake, especially in larger events. It is generally equivalent with the traditional local magnitude M_L or Richter scale in medium sized earthquakes (Hanks and Kanamori, 1979). Since it is determined by the actual event by accounting the shear strength of the rock μ , M_w has no limit in calculating large magnitude earthquake where other scales such as M_s and M_L will be saturated. M_w can be related with M_0 as follows (Hanks and Kanamori, 1979):

$$M_w = \frac{2}{3} \log_{10} M_0 - 10.7$$

However, there is a problem when it comes to magnitude types. There are not just M_w but also M_L , M_b (Body-wave magnitude) and M_s (Surface-wave magnitude). Moreover, there are a lot of subtypes for M_b , such as mb1mx, mbtmp, mb1 etc. According to the Bormann (2013) report, those subtypes of M_b appeared only by particular contributors and therefore M_b should cover all.

As mentioned before, in order to accurately determine the real extend of earthquake, M_w is preferable. However, M_w was not introduced until 1979 by Hanks and Kanamori (1979). Therefore, those older records in the 70s are mostly not M_w . In order to make the calculation easier, all the magnitudes are converted into seismic moment M_0 . The relationships between M_0 and all other magnitudes are explained as follow:

Surface wave magnitude, M_s

According to Wells and Coppersmith (1994) and Kanamori (1983), it is generally agreed that the scale between M_w and M_s are the same from around 5 until 8. However, for those earthquakes that are out of this range, arithmetic conversion between two magnitude types are needed.

As in Figure 4.7, we can see M_s starting to underestimate the earthquake magnitudes when it is below around magnitude 5.7. According to Wells and Coppersmith (1994) and Figure 4.7, it shows that the M_s/M slope has a proportional offset from around magnitude 5.7 (Boore and Joyner, 1982). The purple dashed-line is an extension/continuation from the M_s curve. As shown in Figure 4.7, as the moment magnitude reaches 5 and 4.8, the surface-wave magnitude underestimates as 4.5 and 4 respectively. Since the offsetting

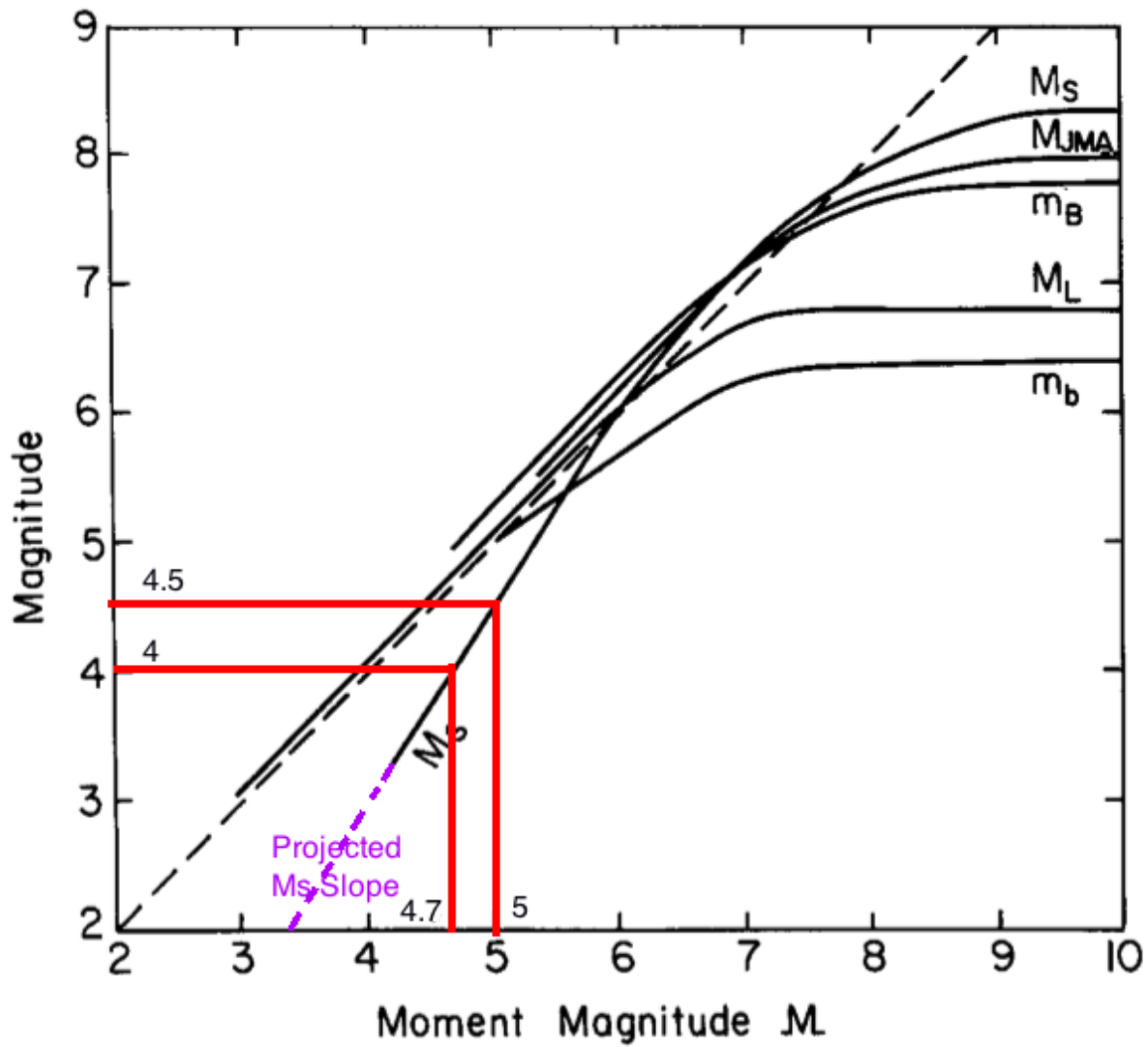


FIGURE 4.7: It shows how various magnitudes behave compare to moment magnitude. Sourced and edited from Boore and Joyner (1982)

seems steady and aligns on a straight line, it is assumed that it is following a linear relationship.

In the Chen et al. (2007) report, it plotted a linear equation of the relationship between moment magnitude through least-square (best-fit) method. Although the report's data are based on the earthquake around Taiwan and with very different seismic characteristics from the Mid-Atlantic Ridge, the equation is tested to work out the relationship between M_0 and M_s for this study. The linear equation is as follows (Chen et al., 2007):

$$\log M_0 = 1.07M_s + 18.72$$

From the above equation, we can see the pattern of a linear equation (i.e. $y = a + bx$). In order to test if this equation can be used for arithmetic conversion between M_s and M_w , we can:

1. First referring to Figure 4.7 and substitute the M_s value into the equation to get the M_0 .
2. Substitute the calculated M_0 into the equation of $M_w = \frac{2}{3} \log_{10} M_0 - 10.7$ and get the M_w
3. Compare to the corresponding value in Figure 4.7 to see if they fit
4. Repeat Step 1 to 3 with another set of data

In the [Chen et al. \(2007\)](#) report, he also compared his own equation with 3 other studies (see Figure 4.8). The following table lists out all the equation from 4 studies and the test results:

Equation	M_s	M_0 (dyn-cm)	M_w	M_w in Figure 5.7	Different %
(a) $\log M_0 = 1.07M_s + 18.72$	4.5	3.42×10^{23}	4.99	5	-0.2
(b) $\log M_0 = 1.20M_s + 17.83$	4.5	1.69×10^{23}	4.78	5	-4.4
(c) $\log M_0 = 1.23M_s + 17.79$	4.5	2.11×10^{23}	4.85	5	-3
(d) $\log M_0 = 1.5M_s + 16.1$	4.5	7.08×10^{23}	4.53	5	-9.4
(a) $\log M_0 = 1.07M_s + 18.72$	4	1×10^{23}	4.63	4.7	-1.5
(b) $\log M_0 = 1.20M_s + 17.83$	4	4.27×10^{22}	4.39	4.7	-6.6
(c) $\log M_0 = 1.23M_s + 17.79$	4	5.13×10^{22}	4.44	4.7	-5.5
(d) $\log M_0 = 1.5M_s + 16.1$	4	1.26×10^{22}	4.03	4.7	-14.9

TABLE 4.1: 2 groups of data $M_s=4.5$ and 4 and $M_w = 5$ and 4.7 respectively from Figure 4.7. It shows [Chen et al. \(2007\)](#) has the best fit here. Equation (a): ([Chen et al., 2007](#)); Equation (b): ([Wang, 1985](#)); Equation (c): ([Nuttli, 1983](#)); Equation (d): ([Purcaru and Berckhemer, 1978](#)).

From table 4.1, we can see that the equation from [Chen et al. \(2007\)](#) report fits best with figure 4.7. After implementing the equation into the databare, it appears that M_w and M_s equalised at $M = 6.2$. Therefore, it is decided that all M_s values under 6.2 in this study are converted in M_0 using Chen's equation. All M_s above 6.2 will be regarded as equivalent M_w .

Body wave magnitude, M_b

This study confines all the data from the ISC contributor. According to [Karnik \(1973\)](#), the relationship between the $M_{b, ISC}$ and the M_s is as follows:

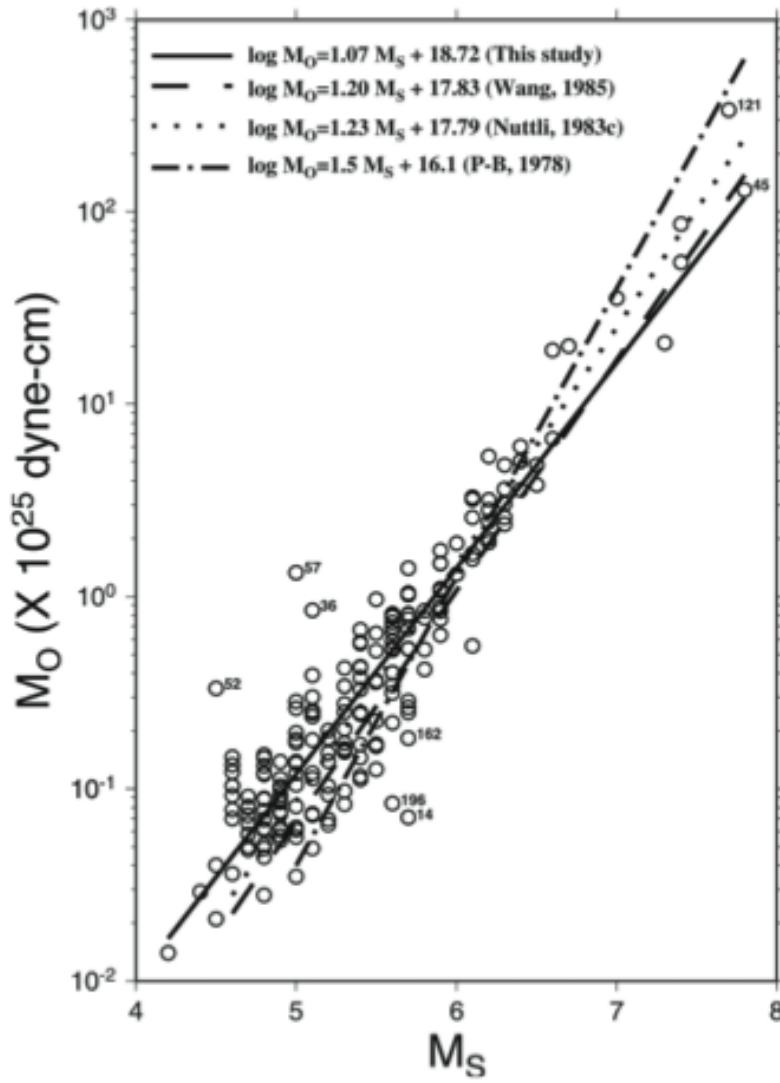


FIGURE 4.8: It shows how various magnitudes behave compare to moment magnitude. Sourced from [Chen et al. \(2007\)](#)

$$M_{b, ISC} = 0.46M_s + 2.74$$

And then all the calculated M_s will be converted into M_0 and M_w using the M_w M_s relationship.

local magnitude, M_L

From Figure 4.7, we can see that the relationship between M_L and M_w are nearly the same until magnitude around 6. In recent studies, more precise empirical relationships are found between M_L and M_w . In [Goertz-Allmann et al. \(2011\)](#) report, it separates the empirical relationship between M_L and M_w in to 3 stages. It shows that different M_L magnitude will need different equations for conversion. They are shown as follows:

M _L magnitude	Empirical relationship
M _L < 2	M _w = 0.594M _L + 0.985
2 ≤ M _L ≤ 4	M _w = 1.327 + 0.253M _L + 0.085M _L ²
M _L > 4	M _w = M _L - 0.3

TABLE 4.2: The Empirical relationship between M_L and M_w

4.1.3 Step 3 - Rupture area conversion

Although theoretically we know the trade off between seismic moment in relation with rigidity, displacement and rupture area (i.e. $M_0 = \mu \cdot D \cdot A$), the displacement distance D of an actual magnitude is difficult to be determined. This is due to the nature of earthquakes usually comes in series of aftershocks. The aftershocks can “destroy” the actual displacement of a main shock by continuous movement along the same fault plane. Therefore, actual records of displacement are usually omitted in most major earthquake database. One can work out the relationship between parameters by comparing regression models with observations. There are various regression models regarding the relationship between rupture area and magnitude. In the report from [Wells and Coppersmith \(1994\)](#), it concludes that using M_w in regression models results in smaller standard deviation and higher correlation coefficient. In another word, M_w depicts better on co-relation between parameters than M_s .

For example in the [Wells and Coppersmith \(1994\)](#) report, they conducted a total of 83 events of strike-slip earthquake regression between rupture area and moment magnitude with observation. The correlation coefficient of this particular regression model is very high at 0.96. In fact, all other correlations in particular favour of strike-slip fault is at higher confidence than other fault slip types (i.e. normal and reverse fault model) disregarding the dependent and independent variables. The regressions model equation is as follows:

$$M = 3.98 + 1.02 \log(RA)$$

Where RA is the rupture area and M is moment magnitude M_w .

Note that the above regression equation might not represent the whole spectrum of reality due to few reasons. First, it is assumed that rigidity μ is 3×10^{11} dyne/cm² for crustal earthquake. Though this is just an average value and in reality crustal rigidity can varies. Second, records of values such as displacements and area are usually finite. This is the biggest problem from evaluating the exact values because it is rather impossible to trace

real time displacement when earthquake occurs. Field observation usually happens within hours to months or even years after an event is happened. Displacements of a particular event could actually be contributed by a main earthquake event followed by many minor aftershock creeps. Therefore the “exact” value itself could have a certain error. Third, it is hard to determine how big of the statistic pool size is sufficient enough for an accurate regression. For example, the correlation coefficient is generally quite large in the above equations but the number of events might not be big enough to represent all kind of possibilities.

4.1.4 Step 4 - Hypothesis: From 2D area to 3D volume of rock

This is the final step of the quantitative part of the study. In order to convert how much rock is being “processed” by seismic movement, we have to convert 2-dimensional rupture area data into 3-dimensional volume data. The in-field observation can provide a rough idea of the extent of the seismic movement brecciates rock laterally. An idea is to multiply the rupture area with assigned width based on the in-field observation. Referring to figure 4.6, this study has a theoretical number of incidents according to its GR relation based on the actual data points (i.e. the red best-fit line). Thus, we can calculate the theoretical amount of rock that was brecciated within the duration of this study. Assumption is absolutely needed as this is based on a single field study where uncertainties and inconsistencies occur.

In the field observation, we can see brecciated deformation zone varies in different extents. In figure 4.9, it shows a micro-deformation zone occur in the field. The width is about 0.8 cm wide. In figure 4.10, it shows the widest brecciated deformation zone observed in fieldwork, as scaled with a geological hammer, it is about 1.97 m wide. The range is therefore between 0.8 cm to 1.97 m.

Since the idea is to assign a corresponding width to different magnitude, the range is divided equally into 82 intervals (i.e. Magnitudes from 0 - 8.2, with every 0.1 as one interval). From calculation, this results in 2.411 cm increase in brecciated width for every 0.1 magnitude (i.e. $(197 + 0.8) \div 82 = 2.411$).



FIGURE 4.9: An example of the most common micro-deformation zone, scaled with my finger $\approx 0.8 \text{ cm}$.

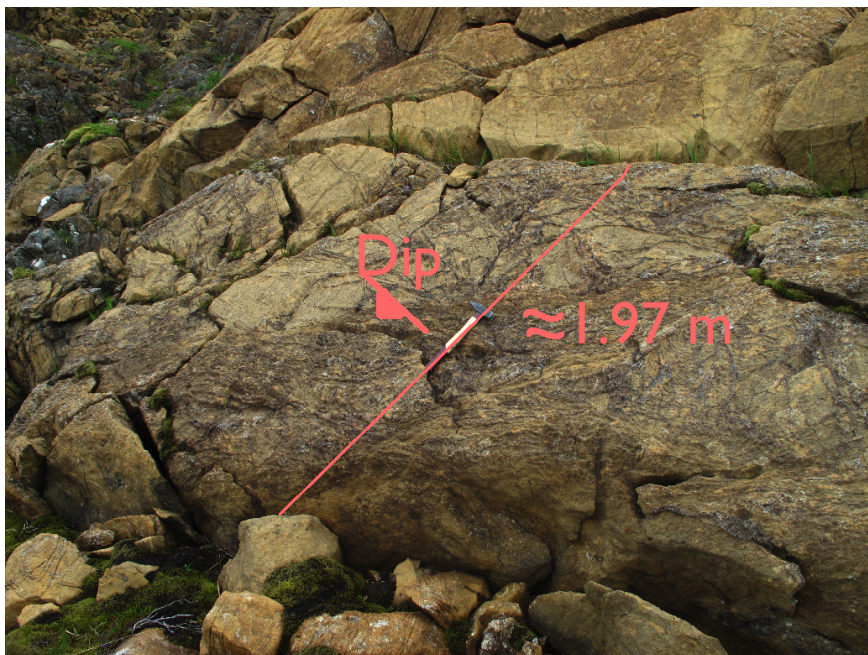


FIGURE 4.10: Picture of the widest deformation zone observed in the field area in Leka, scaled with a geological hammer. $\approx 197 \text{ cm}$

Ideas and assumptions are as follows:

1. It is uncertain and difficult to say how much rock is exactly deformed from particular magnitude
2. A range of brecciated zone width is created from in-field observation. from narrowest (most common) to largest (least common)
3. Assign particular magnitude to particular brecciated-zone width, using every $M = 0.1$ as an interval.
4. The number of incidents of each various magnitude in this study are based on Figure 4.6, where $b = 0.9$ in the GR relation indicates number of incidents has a nine-fold increase in every magnitude increase.
5. Assumes the smallest observed deformation zones were caused by earthquakes of magnitude at lowest interval ($M = 0.1$)
6. Assumes the largest observed deformation zone were caused by earthquakes of magnitude at highest interval in figure 4.6, in this case $M = 8.2$ (i.e. x-axis-interval, where incident number = 1)
7. All other magnitudes in between are assigned respective width which evenly divided by the number of intervals
8. Total number of incidences is based on the y-intercept in figure 4.6, $10^{8.4}$ or 251.2 million)
9. Volumes are calculated by multiplying corresponding width with corresponding rupture area (Method listed in previous session: "Ruptured area conversion")
10. All volumes are added together to show how much rock in volume (km^3) is brecciated by earthquake within the duration of this study (i.e 1970-2013, 43 years).
11. For reference and comparison, the brecciated volume for the real earthquake data in this study is listed in appendix A.

TABLE 4.3: Theoretic volume of rock being deformed in this study

Magnitude	No. of Incidences	Rupture Area (km ²)	Width (cm)	Volume (km ³)
0.1	49332951.30	0.000157065	0.8	0.06
0.2	39644057.51	0.000196842	3.211	0.25
0.3	31858043.25	0.000246693	5.622	0.44
0.4	25601186.74	0.000309169	8.033	0.64
0.5	20573164.44	0.000387468	10.444	0.83
0.6	16532635.75	0.000485595	12.855	1.03
0.7	13285658.88	0.000608574	15.266	1.23
0.8	10676381.83	0.000762699	17.677	1.44
0.9	8579561.61	0.000955855	20.088	1.65
1	6894552.73	0.00119793	22.499	1.86
1.1	5540476.25	0.001501311	24.91	2.07
1.2	4452337.70	0.001881524	27.321	2.29
1.3	3577907.41	0.002358028	29.732	2.51
1.4	2875213.49	0.002955209	32.143	2.73
1.5	2310527.26	0.003703629	34.554	2.96
1.6	1856744.29	0.004641589	36.965	3.19
1.7	1492083.40	0.005817091	39.376	3.42
1.8	1199041.18	0.007290295	41.787	3.65
1.9	963551.87	0.009136594	44.198	3.89
2	774312.19	0.011450476	46.609	4.13
2.1	622238.81	0.014350358	49.02	4.38
2.2	500032.34	0.017984649	51.431	4.63
2.3	401826.98	0.022539339	53.842	4.88
2.4	322908.96	0.028247524	56.253	5.13
2.5	259490.28	0.035401332	58.664	5.39
2.6	208526.91	0.044366873	61.075	5.65
2.7	167572.63	0.055602976	63.486	5.92
2.8	134661.70	0.069684671	65.897	6.18
2.9	108214.41	0.087332616	68.308	6.46
3	86961.31	0.10944998	70.719	6.73
3.1	69882.29	0.137168662	73.13	7.01

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Table 4.3 – *Continued from previous page*

Magnitude	No. of Incidences	Rupture Area (km ²)	Width (cm)	Volume (km ³)
3.2	56157.54	0.17190722	75.541	7.29
3.3	45128.31	0.215443469	77.952	7.58
3.4	36265.20	0.270005462	80.363	7.87
3.5	29142.79	0.338385515	82.774	8.16
3.6	23419.20	0.424083114	85.185	8.46
3.7	18819.72	0.531484001	87.596	8.76
3.8	15123.56	0.666084629	90.007	9.07
3.9	12153.32	0.834773449	92.418	9.38
4	9766.44	1.046183444	94.829	9.69
4.1	7848.33	1.311133937	97.24	10.01
4.2	6306.93	1.643184292	99.651	10.33
4.3	5068.26	2.059327837	102.062	10.65
4.4	4072.87	2.58086154	104.473	10.98
4.5	3272.96	3.234475915	106.884	11.32
4.6	2630.16	4.053620963	109.295	11.65
4.7	2113.60	5.080218047	111.706	11.99
4.8	1698.49	6.366805293	114.117	12.34
4.9	1364.91	7.979226336	116.528	12.69
5	1096.85	10	118.939	13.05
5.1	881.43	12.53254336	121.35	13.40
5.2	708.32	15.70646429	123.761	13.77
5.3	569.21	19.68419447	126.172	14.14
5.4	457.41	24.66930206	128.583	14.51
5.5	367.58	30.91690977	130.994	14.89
5.6	295.39	38.7467512	133.405	15.27
5.7	237.37	48.55953393	135.816	15.66
5.8	190.75	60.85744643	138.227	16.05
5.9	153.29	76.26985859	140.638	16.44
6	123.18	95.58553095	143.049	16.84
6.1	98.99	119.7929811	145.46	17.25
6.2	79.55	150.1310729	147.871	17.66

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Table 4.3 – *Continued from previous page*

Magnitude	No. of Incidences	Rupture Area (km ²)	Width (cm)	Volume (km ³)
6.3	63.93	188.152418	150.282	18.08
6.4	51.37	235.8028336	152.693	18.50
6.5	41.28	295.5209235	155.104	18.92
6.6	33.17	370.3628786	157.515	19.35
6.7	26.66	464.1588834	159.926	19.79
6.8	21.42	581.7091329	162.337	20.23
6.9	17.22	729.0294929	164.748	20.68
7	13.83	913.6593726	167.159	21.13
7.1	11.12	1145.04757	169.57	21.59
7.2	8.93	1435.035831	171.981	22.05
7.3	7.18	1798.464877	174.392	22.52
7.4	5.77	2253.933905	176.803	22.99
7.5	4.64	2824.752438	179.214	23.47
7.6	3.73	3540.13324	181.625	23.96
7.7	2.99	4436.687331	184.036	24.45
7.8	2.41	5560.297633	186.447	24.94
7.9	1.93	6968.467115	188.858	25.45
8	1.55	8733.261624	191.269	25.95
8.1	1.25	10944.99799	193.68	26.47
8.2	1.00	13716.86619	196.091	26.99
Total No. of incidents: 251188624.18		Total volume : 749.04		
		(km ³)		
log. Nr. incidents : 8.40				

Table 4.3 shows that there were 749.04 km³ of rock being brecciated in the study area within 43 years of study. The average volume of rock being brecciated in such area per year is therefore 17.4km³.

From table 4.3, it shows that it follows the GR relation of this study (refer to figure 4.6). The log number of incidences is 8.4 with x-intercept at 8.2 with value 1 (i.e. 10⁰).

The table 4.4 shows how table 4.3 follows the "b" value of the GR law in figure 4.6:

TABLE 4.4: Incidents proportion between M and (M+1)

Magnitude	Division between the pair's incident numbers ($M \div (M+1)$)
0.1 vs 1.1	8.90
1.1 vs 2.1	8.90
2.1 vs 3.1	8.90
3.1 vs 4.1	8.90
4.1 vs 5.1	8.90
5.1 vs 6.1	8.90
6.1 vs 7.1	8.90
7.1 vs 8.1	8.90
AVERAGE	8.90

The relationship between the sheared rock volume and the magnitude seems to form a steady proportional increase. Figure 4.11 shows the relationship between the magnitude and the volume. The R^2 value indicates the scattered data has 96% fit with the best-fit trend line.

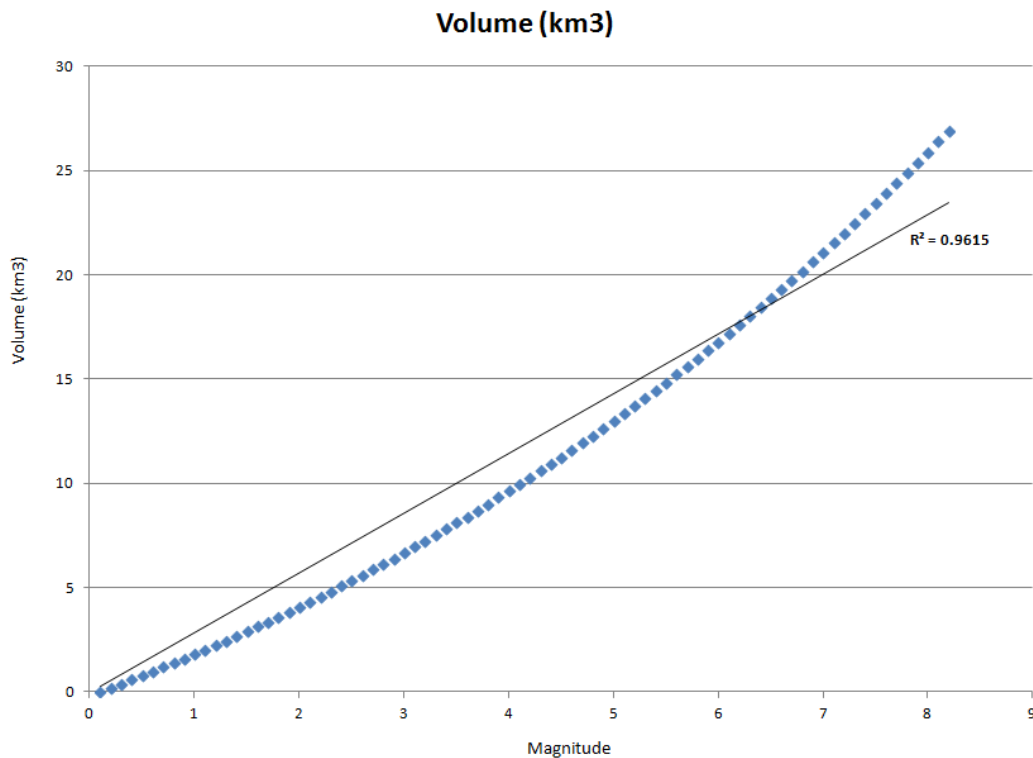


FIGURE 4.11: Volume vs magnitude

4.2 Electron microprobe - a microscopic view

There are two samples that were being analyzed using electron microprobe (EMP). The LE-513 sample was taken outside of the brecciated deformation zone and the LE-613 was taken within the brecciated deformation zone. The aim of this analysis is to see how earthquakes might affect the chemical and physical properties of the rock.

LE-513 (outside of the shear zone)

See table [4.5](#) and figures [4.12](#), [4.13](#) and [4.14](#).

LE-613 (inside of the shear zone)

See table [4.6](#) and figures [4.15](#), [4.16](#), [4.17](#) and [4.18](#).

TABLE 4.5: EMP data of sample LE-513, point 1-16

Point	SiO ₂	Al ₂ O ₃	CaO	FeO	MnO	Cr ₂ O ₃	MgO	Na ₂ O	K ₂ O	TiO ₂	NiO	Total
1 (CPX)	51.3727	0.6811	25.4943	1.1834	0.0511	0.3239	17.7237	0.1462	0	0.0172	0.0559	97.0495
2 (CPX)	53.5656	0.2484	25.0912	1.1956	0.0277	0.1337	18.3474	0.071	-0.0117	-0.0159	0.0539	98.7069
3 (Ol)	39.6516	0	0.0293	10.8267	0.1969	0.0197	48.1006	-0.0167	0.0134	0	0.143	98.9644
4 (CPX)	54.1362	0.6327	25.1949	1.7598	0.0383	0.2926	17.842	0.1543	0.007	0.0584	0.0497	100.166
5 (Ol)	40.1303	-0.0023	0.1516	10.7593	0.1928	0.0099	48.0791	-0.0139	-0.0012	0.0288	0.0891	99.4235
6 (Serp)	37.2502	0.0586	0.2281	5.4171	0.1247	-0.0251	38.2278	0.008	-0.0104	0.013	0.1603	81.4523
7 (CPX)	54.5066	0.7669	25.3809	1.8225	0.0868	0.3394	17.3914	0.1793	0.0006	0.0404	0.0041	100.5189
8 (CPX)	54.5013	0.9364	24.9185	1.9861	0.0635	0.4615	17.7109	0.2579	-0.0198	0.0233	-0.0082	100.8314
9 (CPX)	54.2237	1.2427	24.2666	2.1729	0.074	0.5911	17.5501	0.2982	-0.0198	0.0416	-0.0165	100.4246
10 (CPX)	53.8121	0.3174	24.9543	1.5482	0.0593	0.1098	18.5193	0.0736	-0.0017	0.0069	-0.0391	99.3601
11 (CPX)	54.7836	0.4865	25.4327	0.5679	0.0448	0.1804	18.906	0.0744	-0.0246	0.0153	-0.0124	100.4545
12 (CPX)	54.837	0.2397	25.6474	0.8063	-0.0085	0.188	18.1374	0.1644	-0.0023	-0.0255	0.0041	99.988
13 (CPX)	54.4162	0.2978	25.7573	0.6949	-0.0021	0.1134	18.8002	0.116	-0.0082	0.0172	-0.0311	100.1714
14 (CPX)	53.7969	0.5981	25.2342	1.7967	0.1107	0.1925	17.6469	0.1564	-0.0029	0.0095	0.0414	99.5806
15 (CPX)	54.1561	1.3137	24.1699	2.2662	0.1042	0.5611	17.5163	0.3316	0.0076	0.0367	0.0104	100.4738
16 (CPX)	54.5145	1.0975	24.8047	2.019	0.0553	0.5745	17.8541	0.2674	-0.0047	0.0437	0.0642	101.2903

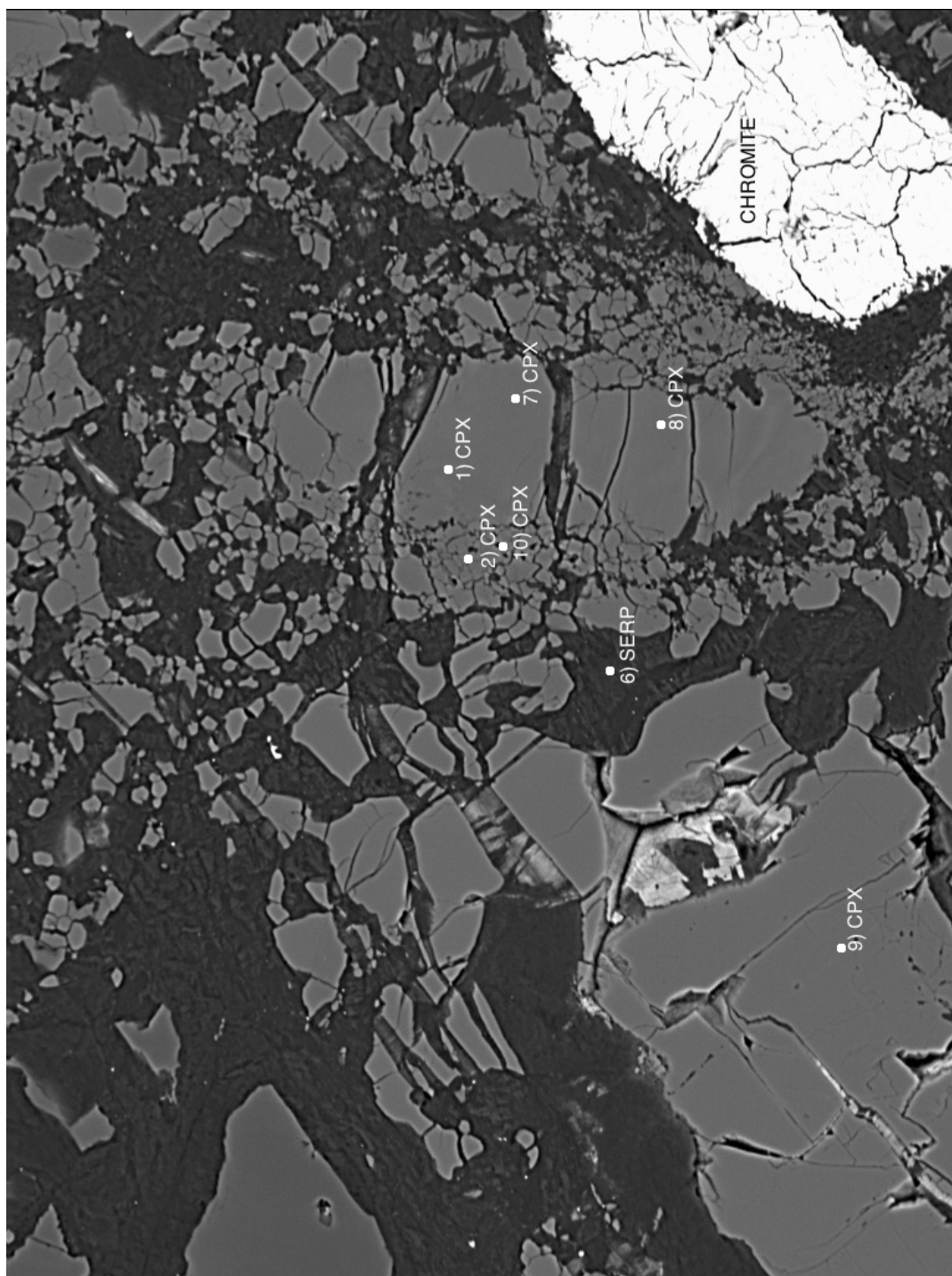


FIGURE 4.12: EMP image of LE-513, points 1, 2, 6, 7 - 10

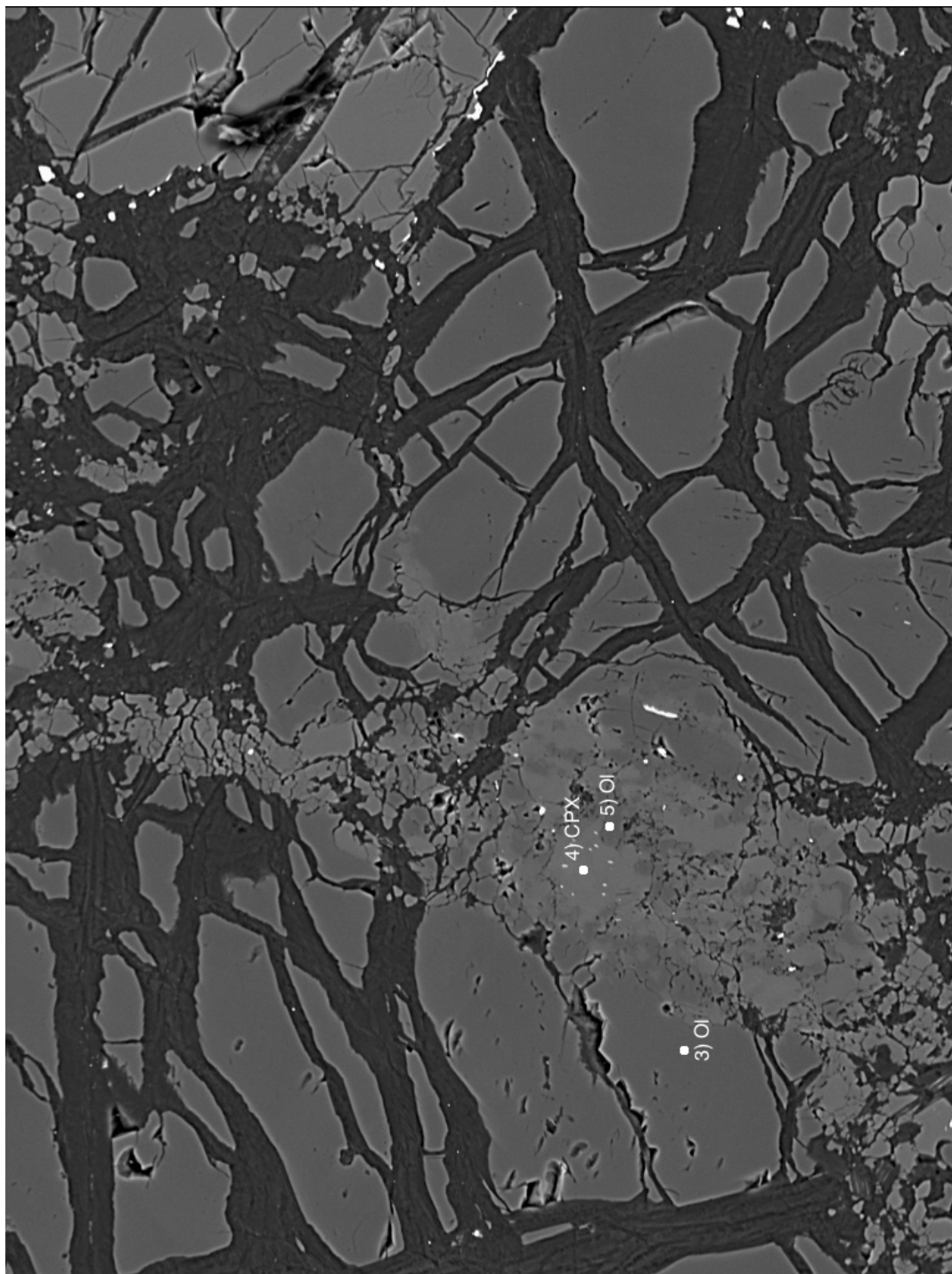


FIGURE 4.13: EMP image of LE-513, points 3 - 5

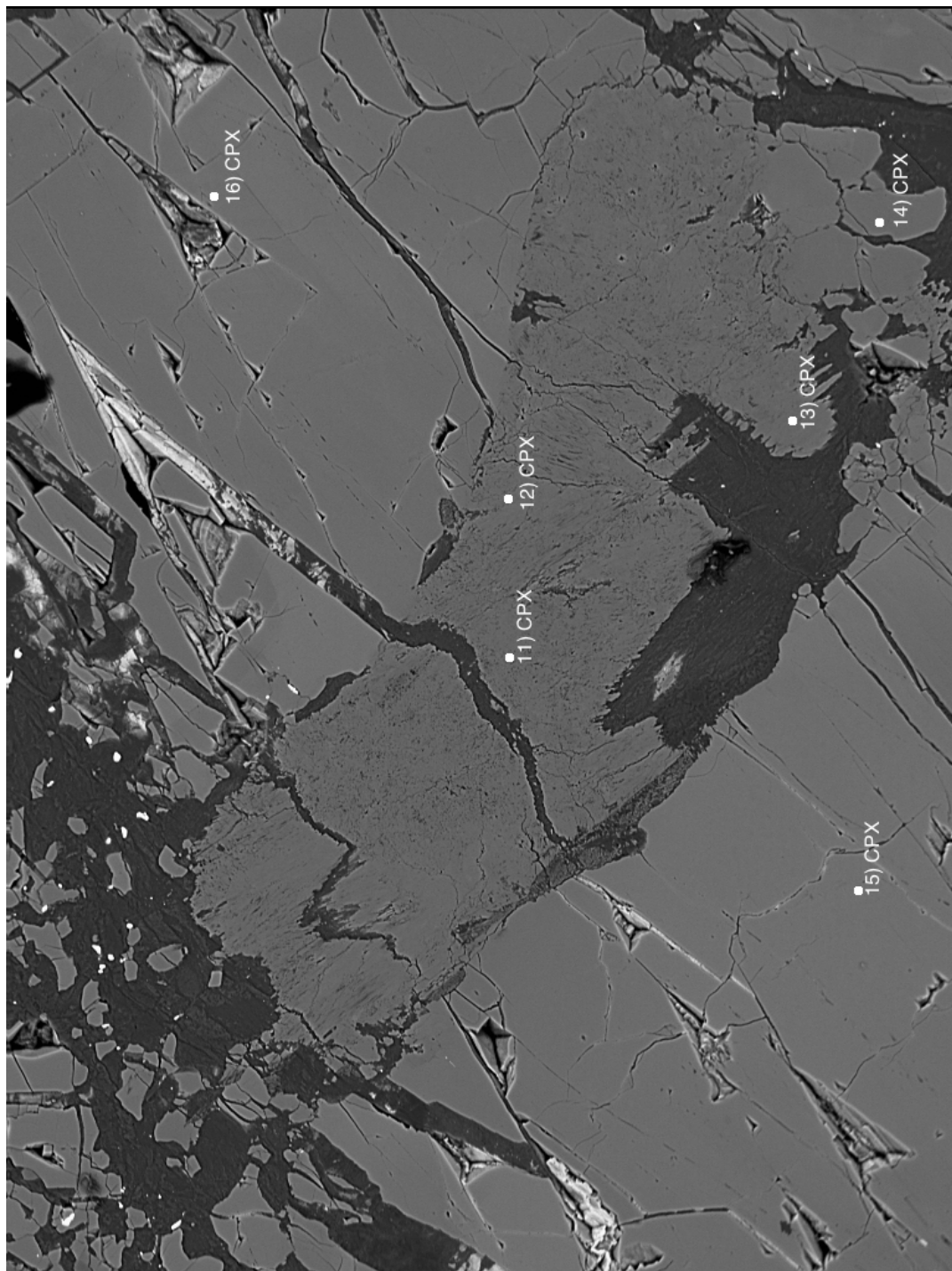


FIGURE 4.14: EMP image of LE-513, points 11 - 16

TABLE 4.6: EMP data of sample LE-613, point 17-34

Point	SiO ₂	TiO ₂	Al ₂ O ₃	Cr ₂ O ₃	FeO	MnO	MgO	NiO	CaO	Na ₂ O	K ₂ O
17 (CPX)	54.6761	0.0215	0.4518	0.4353	1.7382	0.0425	17.9795	-0.0413	25.4711	0.2139	0.0158
18 (CPX)	54.6377	0.0019	0.3886	0.3251	1.8993	0.0786	17.8506	-0.0021	25.2046	0.195	-0.0082
19 (CPX)	52.3332	-0.0196	-0.004	0.0128	1.2896	0.0277	20.0556	0.0145	23.276	0	0.0088
20 (Ol)	39.8612	-0.0257	-0.0047	-0.0246	10.516	0.2321	48.1663	0.1158	0.0476	0.0064	0.0012
21 (Ol)	39.7873	0.0067	0.0059	0.0246	10.3639	0.182	48.0786	0.089	0	-0.0138	-0.0036
22 (CPX)	55.375	-0.0165	0.0748	0.059	1.1647	0.0702	18.1355	0.0103	25.9507	0.0378	0.0251
23 (Ol)	36.4629	-0.0067	-0.0047	-0.0171	11.2435	0.217	48.0423	0.157	0.0317	-0.0269	0.0175
24 (CPX)	50.0168	0.0146	0.3308	0.1561	1.7795	0.1316	17.4763	-0.0413	25.0145	0.161	-0.0006
25 (CPX)	49.9955	0.0101	0.2871	0.1844	1.7593	0.0637	17.342	-0.0062	25.2202	0.143	0.0087
26 (Ol)	36.5472	-0.0201	0.0095	0.0417	10.8223	0.1858	48.3041	0.1653	0.0231	-0.0092	0.0012
27 (CPX)	54.1841	0.0095	0.5681	0.4031	1.9812	0.0339	17.8766	0.0577	25.5246	0.2309	-0.0006
28 (Ol)	39.3696	0.011	0.1005	0.0049	10.611	0.1918	47.8431	0.1299	-0.0146	-0.0129	0.0139
29 (Ol)	40.4217	0.0037	0.0035	0.0196	10.9041	0.1793	48.3788	0.1649	-0.0012	0.0009	0.0012
30 (CPX)	55.6229	-0.0076	0.6656	0.2832	2.0202	0.0762	19.0693	0.0247	24.6117	0.2137	0.007
31 (CPX)	55.0574	0.0423	0.1797	0.1329	1.6311	0.089	17.7739	0.0062	25.3723	0.1259	-0.0082
32 (CPX)	54.508	0.0292	0.1978	0.1465	1.6347	0.0725	17.8947	0.0228	25.6042	0.1362	-0.0012
33 (Ol)	42.4533	-0.0135	-0.0082	0.0297	10.0523	0.2418	51.2853	0.0976	0.0123	0.0064	0.0146
34 (CPX)	54.0074	-0.0013	0.3254	0.231	2.1199	0.0319	17.5034	0.0331	26.0314	0.1562	-0.0029

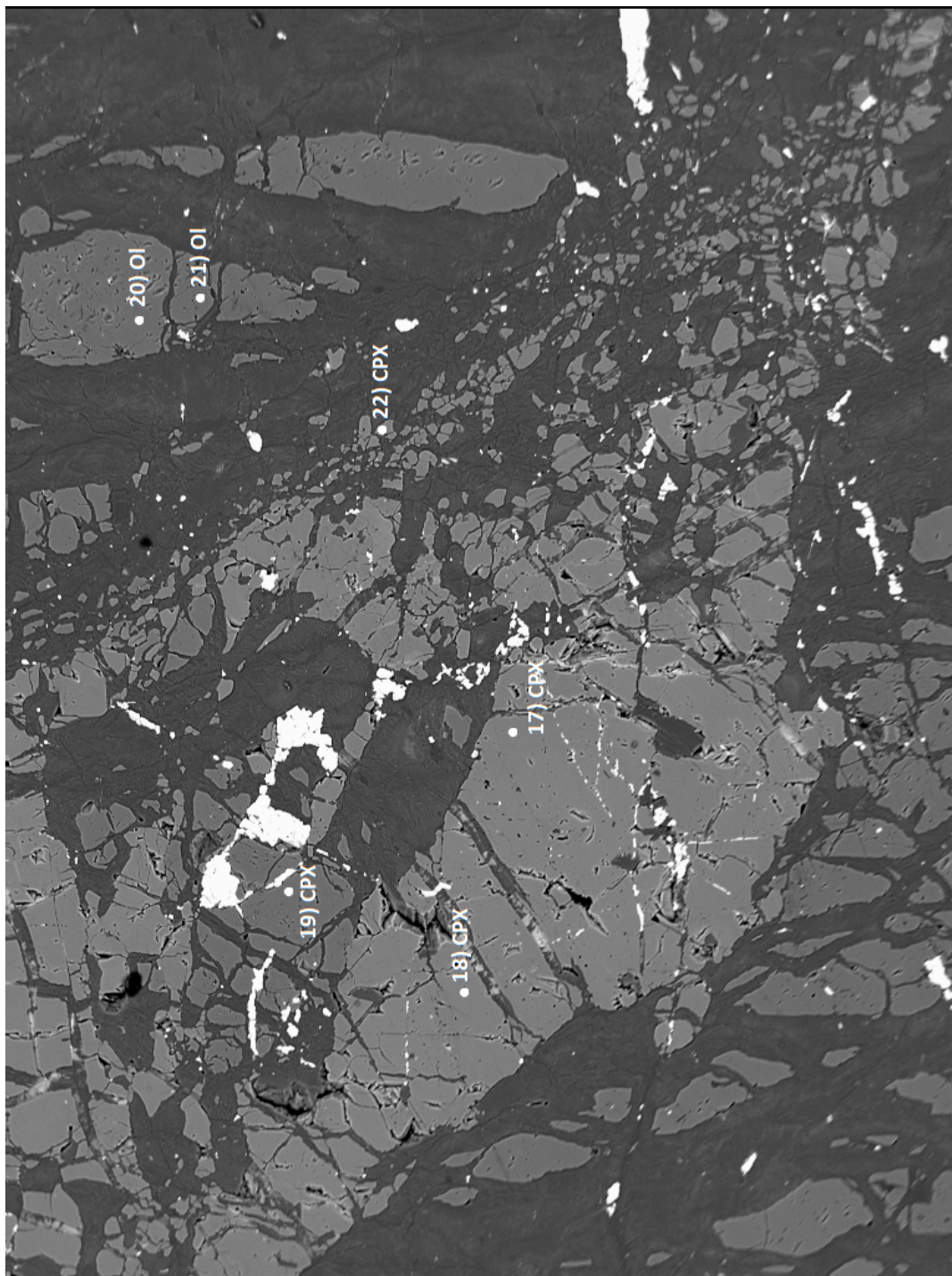


FIGURE 4.15: EMP image of LE-613, points 17 - 22

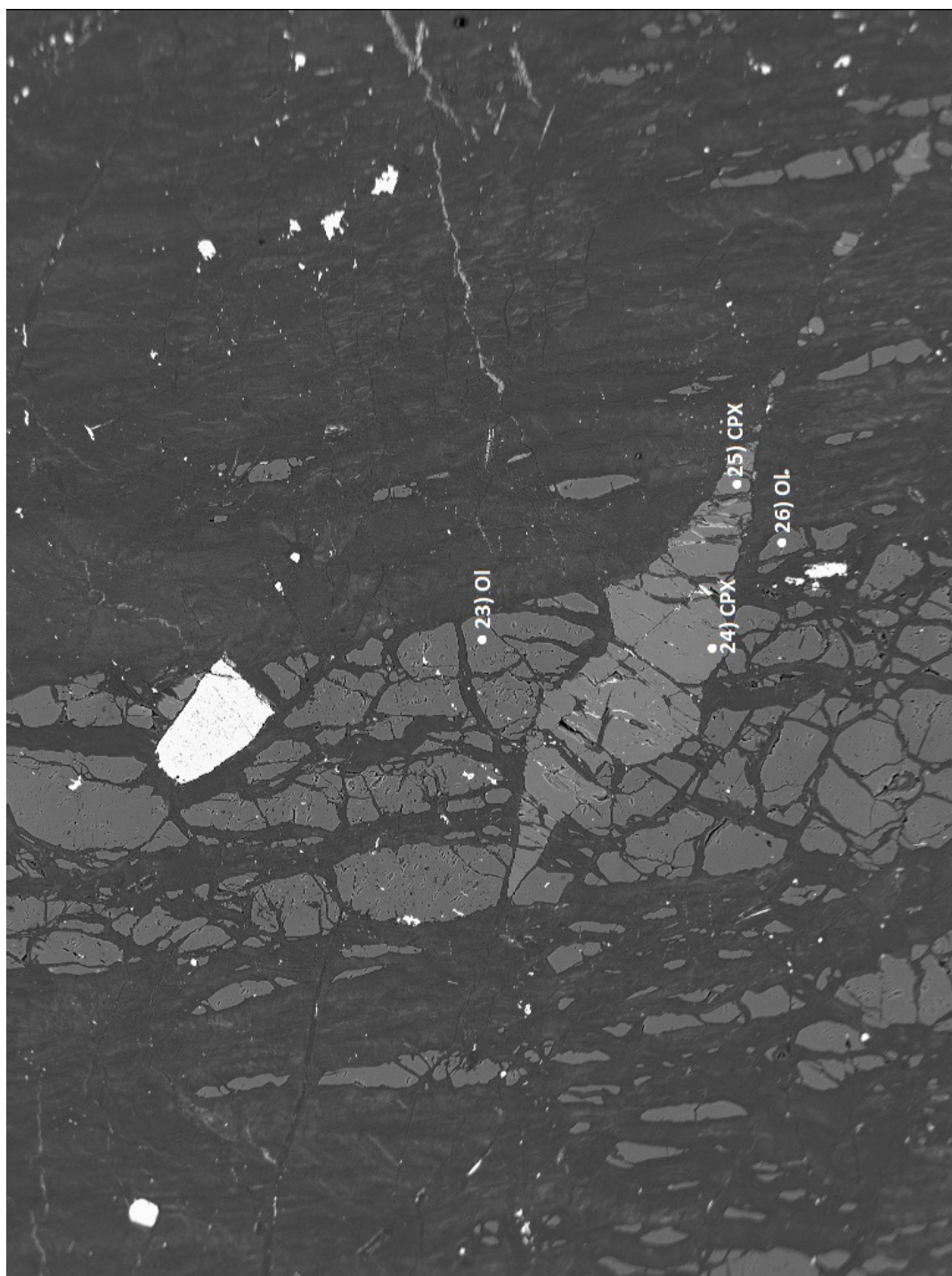


FIGURE 4.16: EMP image of LE-613, points 23 - 26

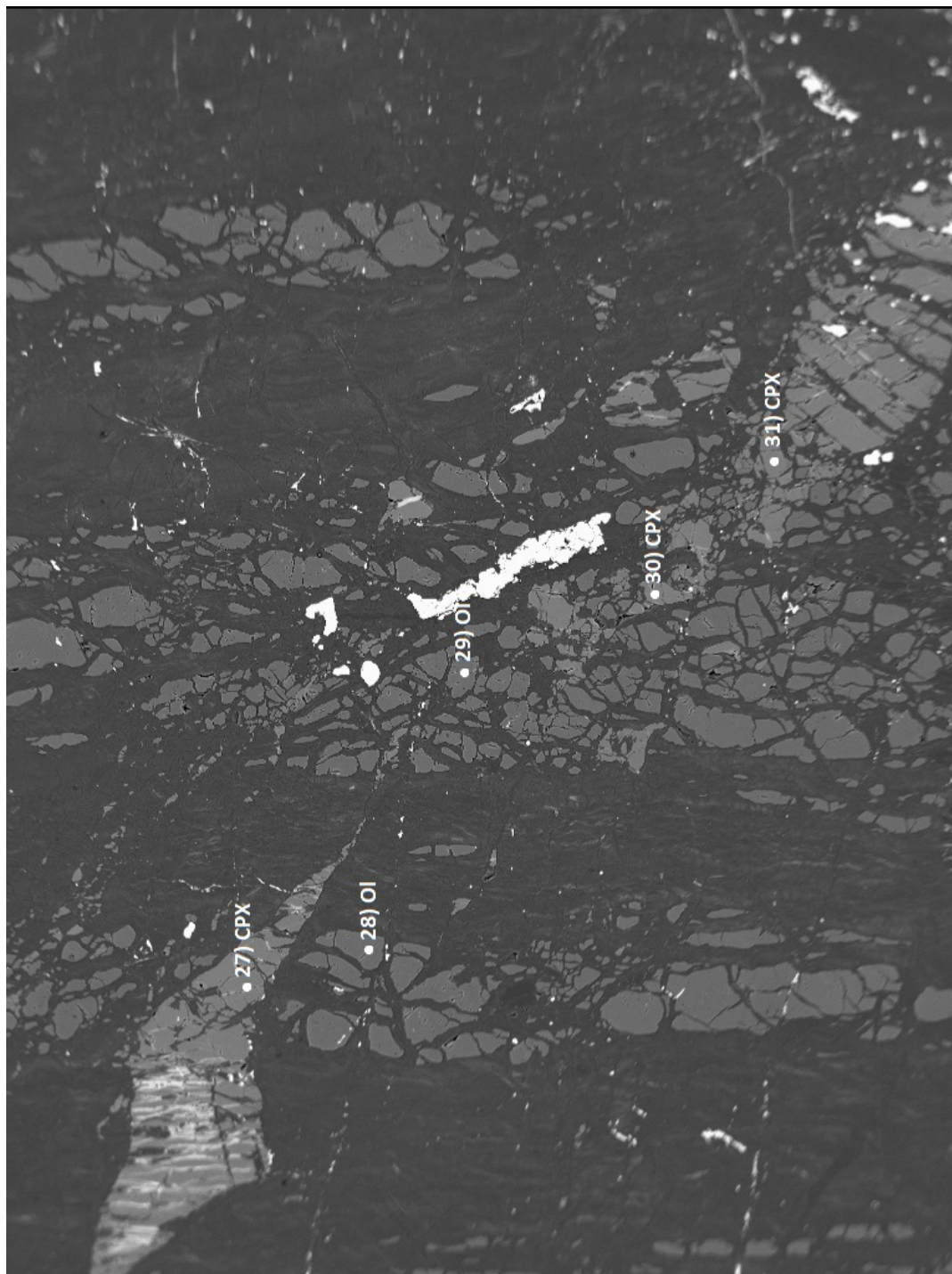


FIGURE 4.17: EMP image of LE-613, points 27 - 31

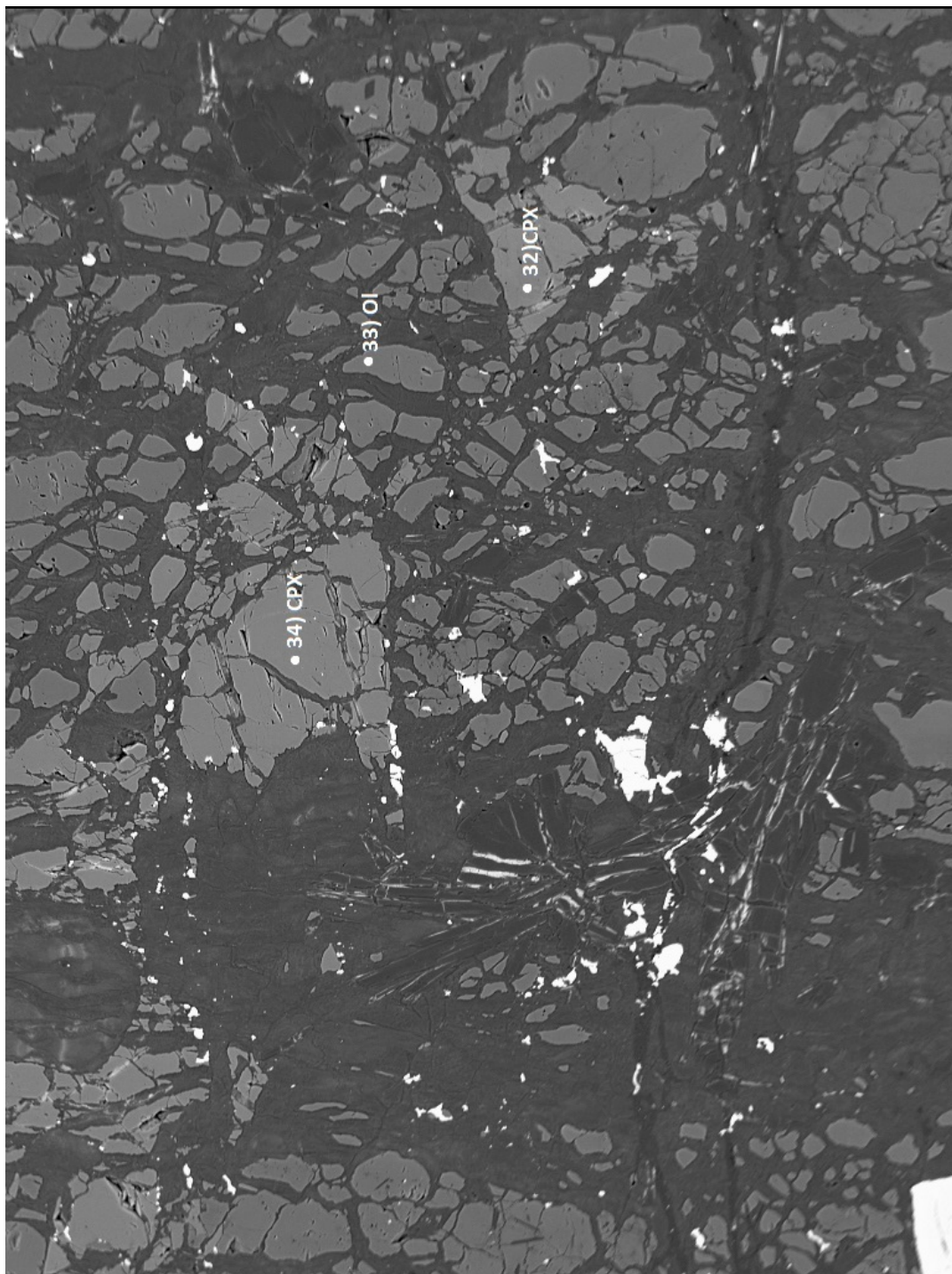


FIGURE 4.18: EMP image of LE-613, points 32 - 34

4.2.1 Serpentinization

LE-513 and LE-613 experienced different level of serpentinization. First, to indicate which areas in the specimen are serpentine we need to take a reading on various location. The chemical formula of serpentine is $(\text{Mg,Fe})_3\text{Si}_2\text{O}_5(\text{OH})_4$. Thus, if probing data indicates obvious calcium content, it is clinopyroxene but not serpentine. In point number 6 where the probing location is at the darker part of the picture, the chemical content shows that it has both iron and magnesium content. According to [Klein and Dutrow \(2008\)](#), Fe accounts for small amount to substitute Mg in the formula. Compare to other points with high FeO content, point 6 has lower but obvious amount and is therefore serpentine.

Although it seems LE-613 looks more serpentinized based on the images, a quantitative approach has to be implemented in order to find out the approximate percentage of the serpentinization of 2 specimens.

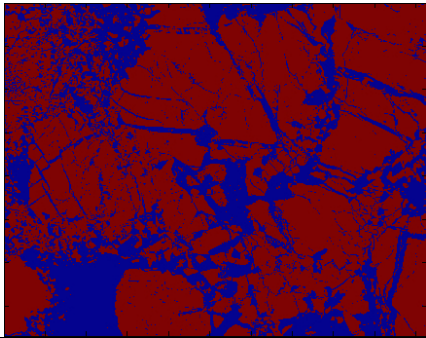
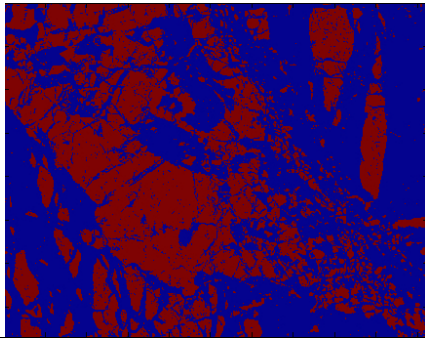
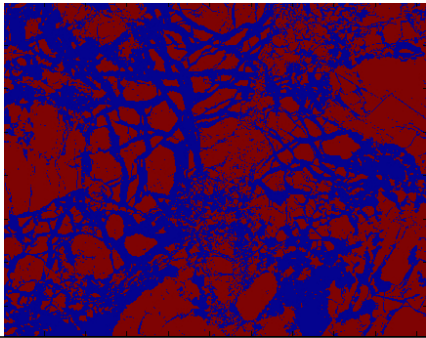
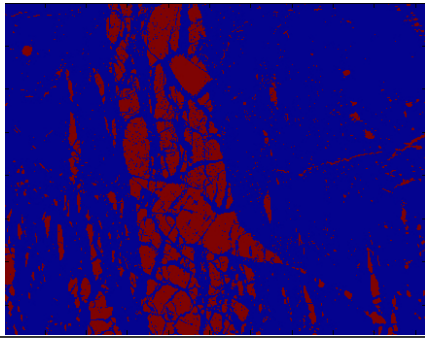
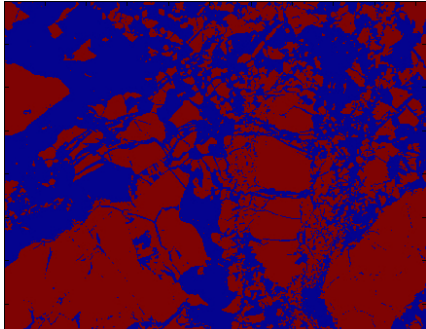
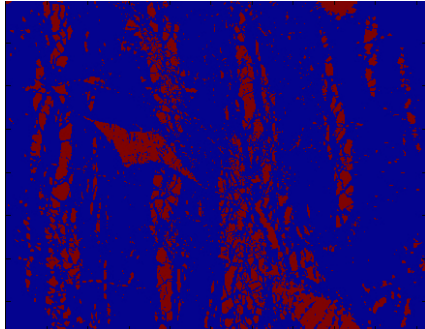
Image analysis was carried out to calculate how much serpentinized area occupies in the picture. This was done by creating a Matlab code in order to find out the coverage percentage. The code is as follows:

```
clear all
close all

area_serp=0;
area_other=0;
im = imread(Image);
I2 = imcrop(im);
for i=1:size(I2,1);
    for j=1:size(I2,2);
        if I2(i,j) < 95;
            imbinary(i,j) = 0;
            area_serp=area_serp+1;
        else
            imbinary(i,j) = 1;
            area_other=area_other+1;
        end
    end
end
percent_serp=area_serp/(area_other+area_serp);
```

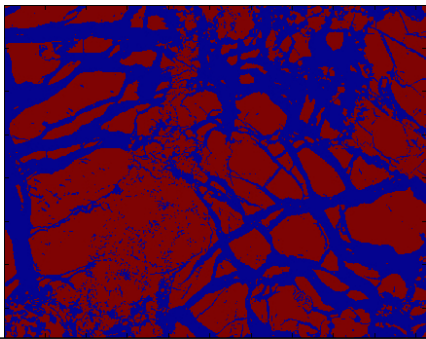
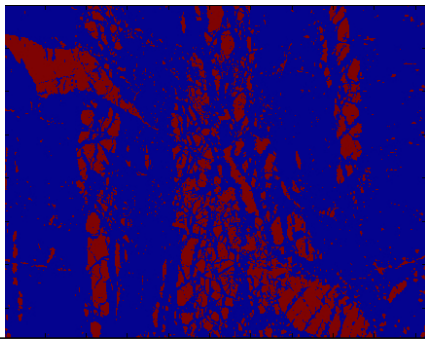
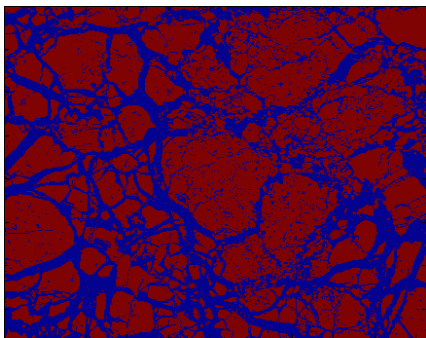
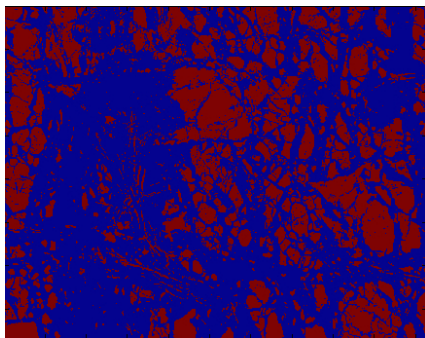
The code basically convert the pictures into 2-toned binary pictures where all the area that is darker than certain level will be considered as serpentine and vice versa. Then the code will calculate how much of the colour that represents serpentine accounts for in the picture. Table 4.7 shows the examples of the binary pictures and the corresponding serpentinization percentage.

TABLE 4.7: Matlab image analysis of serpentinization (blue area indicates serpentine)

LE5-13 images	Serp. %	LE6-13 images	Serp. %
	32.3		59.3
	45.8		80.5
	46.7		82.1

Continued on next page

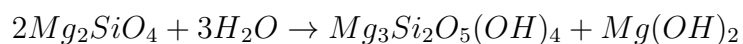
Table 4.7 – *Continued from previous page*

LE5-13 images	Serp. %	LE6-13 images	Serp. %
	43.8		78.7
	38.2		64.7
Average %: 41.4		Average %: 73.1	

From table 4.7, we can see that the sample LE-613 that was collected from the deformation zone is significantly more serpentinized than LE-513 that was collected outside of the zone. This indicates the mechanism of brecciation from seismic shearing benefits serpentinization.

Metasomatism and rodingitization

One explanation of the difference is earthquake-enhanced metasomatism. Serpentinizations of olivine or clinopyroxene were resulted from hydration of the minerals (Klein and Dutrow, 2008). For example, the reaction formula of the serpentinization of olivine through hydration is (Klein and Dutrow, 2008):



Where $Mg(OH)_2$ is brucite, a by-product of the serpentinization of olivine.

The earthquakes cracked up rocks and formed micro-channels for hydrothermal fluid to go through and react with minerals along the channels. Metasomatism is a mechanism where chemical material to go through and might induce chemical exchange between the fluid and the in-situ minerals. Metasomatism also allows minerals to be deposited when the system is dehydrated (Luth, 2003). This explains why the deformation zone is more serpentinized as the opening up of the rock by earthquake allows more surface within the rock to be hydrated.

Earthquake also actively "pumps" fluid into the crust by inducing water pulse during eruption (Sibson et al., 1975). According to Sibson et al. (1975), some mineral deposits are shown to be *episodic*, indicating that the process is in series rather than continuously.

Metasomatism enables chemical exchange within the channel and the hydrothermal fluid acts as a medium for dissolved ion or chemical compound to travel along the system. One example of this is rodingitization. According to Austrheim and Prestvik (2008), rodingite is a calcsilicate rock which contains grossular garnet, hydrogarnet, diopside and prehnite. In the field study, we discovered garnet deposited along the deformation zone. In figure 4.20, it shows that there are some garnet grains deposited in void which shows clear crystalline faces. It also shows green mineral grains which are possibly diopside. In figure 4.21, the garnet formed in a foliation. As mentioned in Austrheim and Prestvik (2008), these garnets were probably deposited along the metasomatic channels. This is further supported by the microscopic image (figure 4.19) which shows garnet vein "swarming" inside the rocks which transected through different mineral grains (Austrheim and Prestvik, 2008).

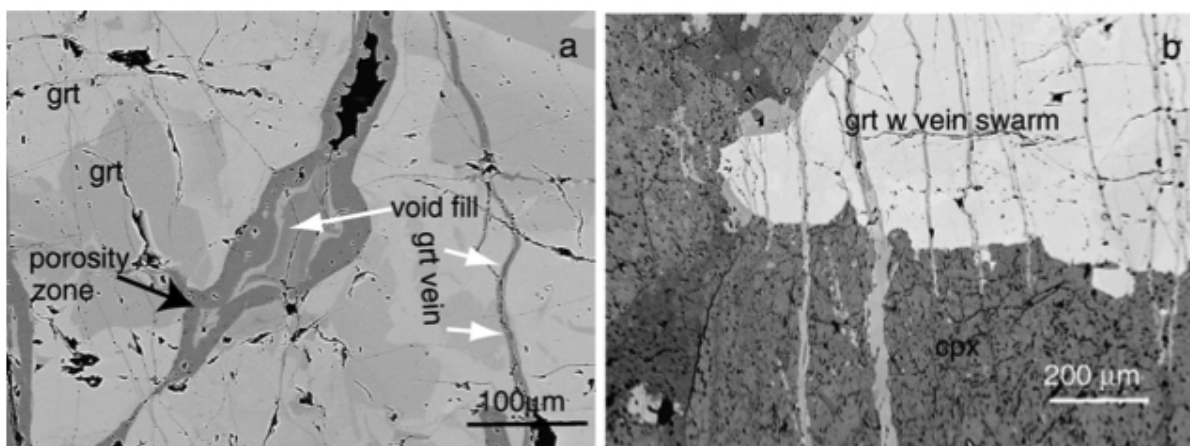


FIGURE 4.19: Garnet veins are observed with EMP, sourced and edited from Austrheim and Prestvik (2008)



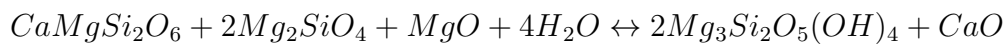
FIGURE 4.20: Garnet found in deformation zone in Leka



FIGURE 4.21: It shows the garnet deposits form foliations within rodingite. It is probably resulted from garnet metasomatically deposited within the conduits

The garnet foliations observed in Leka were formed by grossular garnet [Austrheim and Prestvik \(2008\)](#). Grossular garnet has a formula of $Ca_3Al_2Si_3O_{12}$. Since the garnet seems to fill up the voids and faults as deposits within the rock, it is considered as a metasomatic deposition. One possible reason of forming such calcium-rich mineral is from the serpentinization of clinopyroxene which released calcium into the hydrothermal fluid ([Austrheim and Prestvik, 2008](#)).

The serpentinization of clinopyroxene is ([Komor et al., 1985](#)):



The above equation shows changing clinopyroxene to serpentine releases calcium into the flow channel and might have contributed the growth of garnet along the conduits.

4.2.2 Clinopyroxene and Olivine

The other 2 main minerals in the rock samples are clinopyroxene and olivine.

Primary and secondary clinopyroxene

Clinopyroxene has a formula of XYZ_2O_6 , where X and Y represent different cations and Z is either Al or Si ([Klein and Dutrow, 2008](#)). From the EMP result in table 4.5 and 4.6, we can see the clinopyroxene is high in both calcium and magnesium content therefore the clinopyroxene in the samples is diopside ($CaMgSi_2O_6$).

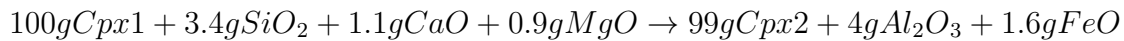
From the figure 4.14, all the probing points indicating that they are all clinopyroxene. However, the physical appearances of the clinopyroxenes on figure 4.14 seems quite different. The clinopyroxene where probing points 11-13 locate seems more "fibrous" than the usual clinopyroxene appears in other figures. The EMP data of points 11-16 in figure 4.14 are as follows:

Table 4.8 shows some interesting characteristic differences between the "fibrous" and "normal" clinopyroxene. The fibrous clinopyroxene contains lower aluminium content. The average aluminium content of point 11-13 (fibrous) is 0.3414% and 1.004% for point 14-16 (normal). Fibrous clinopyroxene contains slightly higher calcium content with averagely 25.6% against 24.7% for the normal ones. Fibrous clinopyroxene has also higher magnesium content (18.6% against 17.7%). And for the iron content, normal clinopyroxene has higher content (2.03% against 0.69%).

TABLE 4.8: EMP data of point 11-16, simplified

	Point	SiO ₂	Al ₂ O ₃	CaO	MgO	FeO
	Fibrous 11 (CPX)	54.7836	0.4865	25.4327	18.906	0.5679
	Fibrous 12 (CPX)	54.837	0.2397	25.6474	18.1374	0.8063
	Fibrous 13 (CPX)	54.4162	0.2978	25.7573	18.8002	0.6949
	Normal 14 (CPX)	53.7969	0.5981	25.2342	17.6469	1.7967
	Normal 15 (CPX)	54.1561	1.3137	24.1699	17.5163	2.2662
	Normal 16 (CPX)	54.5145	1.0975	24.8047	17.8541	2.019

According to [Austrheim and Prestvik \(2008\)](#), the original in-situ clinopyroxene could undergo reaction to reform a secondary clinopyroxene. The equation is as follows:

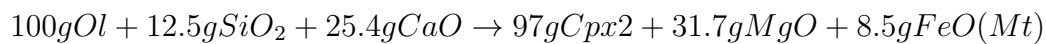


The above equation indicates that in order to form secondary clinopyroxene, calcium and magnesium are consumed and aluminium and iron are released. This fits the phenomenon in table 4.8 perfectly. Cpx2 is the fibrous clinopyroxene in figure 4.14 which it "absorbed" calcium and magnesium and "released" aluminium and iron when it was formed from Cpx1 and thus it has higher Ca and Mg values and lower Al and Fe values.

The released aluminium from the reaction is also another source of contribution for grossular garnet to be formed as a metasomatic deposit (i.e. Al in $Ca_3Al_2Si_3O_{12}$).

Relationship between olivine and clinopyroxene

In figure 4.13, it shows that a original olivine grain is being "intruded" by a streak of clinopyroxene. It looks like olivine is being replaced by clinopyroxene. This phenomenon was also mentioned in the study of [Austrheim and Prestvik \(2008\)](#). The reaction between olivine and clinopyroxene is:



However, when looked into the EMP data set in table 4.5, the probing point number 4 resembles more of the primary clinopyroxene. The equation above however indicates olivine is replaced by secondary clinopyroxene.

Chapter 5

Discussion

5.1 The concerns and aims of the quantitative study of earthquake

5.1.1 Concerns

The quantitative measure results in section 4.1.4 aims at giving a conceptual idea of how much oceanic crust is serpentinised under the effect seismic movement. The volume 749.04 km³ is a conceptual number. The most difficult part of this study is to find the actual lateral extent away from the fault of shearing for each magnitude. Most renounced reports about rupture dimensions such as Wells and Coppersmith (1994) and Bonilla et al. (1984) do not include such dimension. This is one of the reason why the field observation is used in this study.

There are several disadvantages in this study:

1. According to Furnes et al. (1988), the Leka ophiolite was formed at a spreading ridge adjacent to a subduction zone while the current study is based on mid-oceanic ridge at the Atlantic ocean. Although mid-atlantic ridge is a spreading ridge, the geological and seismic settings can be quite different and are therefore not 100 % comparable.

The observation in Leka does not totally represent the current situation in the study area located at atlantic ocean. This is because Leka was formed around the late

cambrian period at 497 ± 2 Ma ago (Dunning and Pedersen, 1988). The seafloor spreading rate changes all the time and the seismicity frequency varied Dziak et al. (2004). In figure 5.1, it shows that the average sea-floor spreading rate varies throughout time.

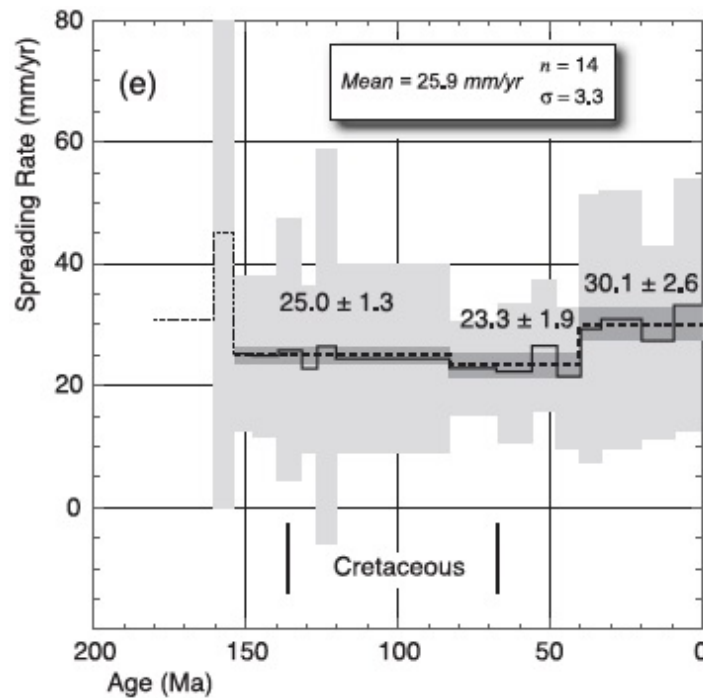


FIGURE 5.1: Sea floor spreading rate through out time, sourced from Cogné and Humler (2004)

2. The shear zone width proposed in section 4.1.4 is probably flawed. This is because the width range that was assigned for respective magnitudes is solely based on an observation in a single site visit. There might be some far narrower and thicker brecciated zone which were not observed. Although according to Prestvik (1979), the Leka ophiolite is the best preserved ophiolite complex of the Scandinavian Caledonides, the sampling size of the deformation width should be much inclusive. In which a separate study between magnitude and lateral extent of the deformation zone should be done in order to give the data in section 4.1.4 a more flaw-proof answer. Moreover, although it seems to make sense that the higher magnitude of the earthquake the wider of the deformation zone is resulted. However, without a separate study about their relationship, it is hard to say if that is true or if the increments is more random rather than proportional as proposed in this study.
3. The earthquake database data might be flawed. In fact, there are many studies about relationship between different types of magnitude(Chen et al. (2007), Hanks

and Kanamori (1979), Bonilla et al. (1984), Wells and Coppersmith (1994), etc.), and each of these studies suggest differently. Although this study tried to compare different studies in an arithmetic and scientific manner, it is still hard to say if the conversion of M_s , M_b and M_L into M_0 and M_w in this study is completely correct. This problem also applies on determining the rupture area for each earthquake.

4. The upper magnitude margin ($M = 8.2$) for section 4.1.4 for easy calculation. This is because the GR relation (see figure 4.6) can actually go under x-axis which means the occurrence is less than 1 in that period of time. (i.e. as 10^{-n} is less than one, where n is a positive number)

5.1.2 Aims

The main focus of the quantitative study is to provide an idea of the amount of oceanic lithosphere that is influenced by earthquake. It is attempting to visualise the importance of seismic activity on rock deformation in a quantitative way. The hypothesis, though crude, gives an idea of how volumetric calculation can be done in relationship between the numerical measurement and the field observation.

Based on figure 4.11, it is clear that the amount of rocks that is affected by seismic activities increase with magnitude *disregarding* frequency of occurrence. Although the curve increment is probably not as proportional in reality, the positively related trend between two values is obvious.

5.2 Earthquake, seismic pumping and metasomatism

One important thing that this study represents is earthquake contributes both passively and actively in serpentinization and metasomatism in oceanic crust.

Passive contribution - creates hydrothermal fluid conduit

In section 4.2.1, it shows that the sample LE-613 collected from the brecciated deformation zone has a significant higher level of serpentinization. The tremendous amount of kinetic energy releases from earthquakes cracks up the oceanic lithosphere. Chances are these resulted voids and faults connect to one another and act as permeable conduits for hydrothermal fluids (Sibson et al., 1975). And according to Sibson et al. (1975), the

discontinued end of the faults also act as an impermeable barrier in which incoming fluid pulse caused by earthquake is trapped and pressure is build up. This enhances chemical reaction and isochemical exchange within the crust.

Active contribution - seismic pumping

Seismic pumping is an important mechanism for mineral deposition and hydration in oceanic crust ([Austrheim et al., 2009](#)). It is mentioned in [Sibson et al. \(1975\)](#) and [Austrheim et al. \(2009\)](#) that some metasomatic deposition shows an episodic feature. According to [Austrheim et al. \(2009\)](#), the Leka ophiolite shows episodic deposition of serpentine at the major slip surfaces. Each episodes which are shown as a band of minerals represent one slip event. This can help understanding the level of seismicity experienced in the area by observation the number of mineral bands. Seismic pumping is an important in which it introduces solution full of ions and chemical compounds into the crust by creating an active flux. Through metasomatism, isochemical exchange between the mineral and the hydrothermal fluid consumes and releases chemical from and to the conduits. Then the newly released chemical compounds from the reaction is being transported out of the system through outward flux or form secondary deposits along the conduits. According to [Sibson et al. \(1975\)](#), seismic pumping has a great potential in being responsible for hydrothermal ore formation by introducing metal-riched brine into the oceanic crust.

5.3 What is so important about serpentinization of oceanic lithosphere?

According to [Austrheim and Prestvik \(2008\)](#), serpentinization can alter the density of the oceanic crust from 3.3 to 2.5g/cm³. The density change determines mantle-crust transition and can be detrimental when it comes to subduction phase of the crust cycle as less densed crust tend to “float” over the more densed crust and cause obduction of slab. Other property of rocks like rheology and seismic velocity are also affected by the level of serpentinization.

In section 4.2.1 under “Metasomatism and rodingitization”, it explains how serpentinization of olivine and pyroxene can produce by-products like brucite and calcium oxide. These by-products are placed into the hydrothermal fluid during metasomatic reaction. This creates a differentiated fluxes between the in-flux and out-flux of the hydrothermal fluid. For example, the serpentinization of olivine consumes water and release magnesium

and the serpentinization of clinopyroxene takes up magnesium and gives out calcium. In fact, serpentinization in general can consume and release many major and minor elements such as Si, Cl and B etc. (Früh-Green et al., 2004). The metasomatic deposition of such element can be economically value. For example, low temperature alteration is dominated crystallization of magnesium-rich clay minerals, brucite and iowaite etc.(Früh-Green et al., 2004)

According to Früh-Green et al. (2004), serpentinization is an exothermic reaction which releases heat as a result. Hydration of mineral gives out heat and the enthalpy of the reaction is 2.2kJ/g H₂O. In the study of Früh-Green et al. (2004), it states that assuming the heat does not transport, an average serpentinized peridotite can be heated up for 260°C solely from serpentinization. That is a massive amount of heat release from the reaction.

Besides the fluxes of metallic mineral and heat, serpentinization could also release and consume organic compounds such as methane and carbon dioxide. In Früh-Green et al. (2004) study, it finds out that the peridotite-hosted hydrothermal fluid contains high anomalies of CH₄ and dissolved H₂. Some methane-fuel bacteria(e.g.*Archaea*) is found to be thriving in hydrothermal system where they can metabolise methane as life energy. According to Schwarzenbach et al. (2013), the continue influx of hydrothermal fluid into oceanic lithosphere might enhance the dissolution of carbon dioxide into organic carbon substance. This is because the dissolved H₂ act as a reduction agent to CO₂ to form water. Therefore, CO₂ sequestration in the oceanic crust is possible.

Chapter 6

Conclusion

1. Earthquake has a *positive* influence on serpentinization of oceanic crust
2. Earthquakes contribute on serpentinization of oceanic crust both actively (seismic pumping, episodic deposition of minerals) and passively (creating faults as hydrothermal fluid conduits)
3. Results show that in a period of time, higher magnitude earthquakes result in more volume of brecciated rocks despite frequency is lower for higher magnitude earthquake. *A positive relationship*
4. Rodingitization is an indication of how serpentinization and metasomatism responsible for secondary growth of mineral along the fluid channels and voids. *Formation of ore*
5. Serpentinization of oceanic crust is important on a lot of aspects. It changes the characteristics of the crust, making it less dense and behaves differently. It has high potential in generating economically valuable ore. It is also important biologically by reacting with organic elements such as carbon dioxide reduction and releasing of methane

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Appendix A

Earthquake database

The printed version will only include the first 10 pages of the appendix due to its length and size (238 pages). The rest is included in a separate attached CD-ROM.

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1970/11/28 08:08:55.0000	10.7	-38.7	33	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1970/09/02 05:19:23.0000	3.8	-35.1	33	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1970/07/15 07:29:27.0000	10.9	-38.7	33	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1973/08/06 08:36:46.0000	1	-22	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1970/12/26 02:57:15.0000	3.7	-35.2	33	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1970/08/31 03:51:50.0000	3.7	-35.2	33	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1970/06/09 06:45:20.0000	1.8	-29.7	33	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1970/04/26 10:32:19.0000	10.9	-37.2	33	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1973/03/15 07:35:01.0000	12	-45	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1972/09/23 23:21:21.0000	0	-30	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1974/03/05 01:57:58.0000	5	-37	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1973/08/05 06:13:54.0000	2	-31	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1972/08/14 12:01:58.0000	3	-31	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1975/06/06 02:20:23.0000	4	-27	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1975/04/22 04:32:57.0000	4	-34	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1974/04/02 10:33:46.0000	7	-26	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1973/11/22 16:27:05.0000	3	-28	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1973/08/22 00:49:09.0000	2	-28	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1973/05/25 22:08:15.0000	2	-30	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1970/12/30 03:21:19.0000	-5.8	-26.1	33	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1970/11/22 12:36:06.0000	8.1	-35.8	20	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1970/04/18 18:00:16.0000	11.8	-33.7	33	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1975/06/25 01:04:51.0000	13	-43	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1974/06/26 18:43:36.0000	13	-46	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1974/03/05 11:04:17.0000	7	-38	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1974/02/28 17:32:50.0000	12	-45	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1973/03/01 00:43:21.0000	2	-31	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1972/12/16 11:00:36.0000	1	-24	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1972/03/17 08:45:53.0000	8	-39	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1970/05/14 06:13:09.0000	5.7	-34.2	33	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1975/04/21 02:55:22.0000	0	-14	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1974/07/25 08:26:04.0000	4	-32	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1974/07/07 00:35:16.0000	15	-44	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1974/07/01 23:13:19.0000	-5	-28	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1973/10/20 17:23:11.0000	4	-32	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1973/10/20 08:58:56.0000	4	-32	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1973/05/21 02:49:04.0000	11	-42	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1972/06/26 12:09:10.0000	6	-32	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1972/03/27 08:52:08.0000	2	-29	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1972/03/03 13:32:22.0000	4	-34	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1970/04/06 05:23:27.0000	13	-46.5	33	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1975/06/24 23:50:20.0000	2	-28	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1975/06/17 02:17:48.0000	12	-42	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1975/05/13 12:40:42.0000	-1	-26	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1974/06/26 18:54:35.0000	14	-45	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1974/04/22 16:55:48.0000	14	-41	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/12/02 09:27:20.0000	15	-47	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/11/20 15:30:06.0000	8	-37	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/11/19 15:26:12.0000	5	-32	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/10/29 12:21:29.0000	13	-38	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/10/24 23:20:09.0000	4	-31	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/10/20 19:56:08.0000	5	-32	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/10/20 10:31:57.0000	4	-31	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/10/17 14:08:30.0000	9	-40	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/10/14 19:21:13.0000	4	-31	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/10/14 06:31:12.0000	5	-32	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/09/16 00:01:41.0000	3	-31	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/08/22 05:58:06.0000	1	-26	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/08/05 04:43:22.0000	2	-31	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1972/10/05 21:41:54.0000	14	-40	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1972/09/30 02:37:58.0000	3	-26	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1972/08/27 19:38:12.0000	12	-44	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1972/03/22 10:11:45.0000	2	-28	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1972/03/18 17:29:19.0000	0	-20	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1971/05/23 12:42:51.6000	2	-29	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1971/05/11 22:29:36.7000	10	-43	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1976/10/07 07:48:57.0000	-7.5	-13.3	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1975/05/17 22:00:22.0000	15	-46	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1975/05/01 22:50:11.0000	5	-34	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1975/04/27 23:38:44.0000	-1	-18	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1974/08/16 22:31:54.0000	5	-34	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1974/05/15 10:30:50.0000	0	-18	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1974/04/22 15:26:36.0000	14	-46	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1974/03/27 14:37:51.0000	-5	-22	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1974/02/21 03:37:27.0000	4	-33	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1974/01/21 20:37:21.0000	-1	-21	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1973/11/29 09:32:36.0000	5	-33	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1973/11/15 05:17:14.0000	-4	-13	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1973/10/20 10:45:47.0000	6	-33	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1973/10/20 10:38:17.0000	5	-33	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1973/08/26 07:33:27.0000	15	-46	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1973/08/21 18:28:34.0000	1	-26	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1972/08/29 22:15:38.0000	10	-40	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1972/08/04 08:00:38.0000	10	-42	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1972/06/26 17:27:35.0000	5	-33	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1972/05/15 12:12:46.0000	5	-31	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1972/04/18 12:25:09.0000	2	-26	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1970/02/12 02:11:09.0000	11.6	-38.8	33	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1975/04/22 01:35:06.0000	8	-37	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1975/02/13 18:12:45.0000	8	-37	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1974/08/15 15:30:31.0000	4	-34	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1974/05/07 03:05:14.0000	15	-46	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1973/12/11 12:18:59.0000	4	-32	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1973/10/20 07:51:56.0000	5	-32	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1973/09/26 22:53:07.0000	1	-26	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1973/03/20 09:15:53.0000	10	-43	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1972/10/05 05:09:52.0000	13	-45	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1972/08/29 22:07:31.0000	10	-43	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1972/07/26 03:01:36.0000	12	-44	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1970/07/13 08:49:28.0000	-4.3	-22.4	25	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1970/02/14 18:58:44.0000	11.5	-38.6	33	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1974/03/29 23:44:12.0000	7	-36	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1974/03/21 05:37:06.0000	15	-46	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1973/12/22 14:18:19.0000	1	-19	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1973/10/22 04:48:07.0000	5	-32	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1973/10/14 12:23:53.0000	4	-31	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1973/10/14 04:13:17.0000	4	-32	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1973/07/19 18:05:45.0000	8	-40	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1972/11/23 01:07:02.0000	-2	-17	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1972/10/15 15:40:48.0000	3	-26	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1972/08/29 19:14:26.0000	9	-41	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1972/08/27 19:38:57.0000	12	-44	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1972/06/19 14:01:59.0000	0	-24	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1971/05/12 00:20:22.6000	4	-32	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1974/11/02 01:03:47.0000	12	-42	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1974/06/30 02:21:37.0000	4	-27	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1974/04/22 01:47:32.0000	9	-35	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1973/10/28 02:38:01.0000	6	-33	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1973/10/26 08:27:50.0000	4	-32	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1973/10/25 17:10:04.0000	4	-32	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1973/10/13 21:32:10.0000	6	-33	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1973/10/09 19:06:18.0000	9	-37	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1972/11/24 01:16:09.0000	5	-33	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1974/11/29 00:44:26.0000	4	-34	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1974/10/06 16:50:32.0000	4	-34	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1974/07/01 06:57:55.0000	-1	-29	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1974/06/27 23:08:38.0000	3	-26	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1974/04/23 17:38:50.0000	8	-38	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1974/03/21 13:42:31.0000	-1	-20	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1974/01/30 15:05:20.0000	1	-32	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1973/11/08 14:24:50.0000	5	-31	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1973/10/15 01:22:30.0000	3	-32	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1973/10/12 23:02:24.0000	12	-44	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1973/04/03 20:04:50.0000	11	-42	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1973/03/04 14:16:26.0000	9	-36	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1972/12/17 20:53:13.0000	-1	-18	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1972/06/26 16:31:22.0000	7	-34	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1971/06/15 01:40:47.0000	8	-35	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1970/09/07 03:32:25.0000	-6.2	-12.9	33	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1974/08/16 05:59:12.0000	5	-32	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1974/06/27 22:50:39.0000	-2	-32	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1974/03/23 21:40:39.0000	2	-24	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1974/02/21 00:13:38.0000	4	-32	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1973/11/25 07:33:52.0000	-3	-12	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1973/11/15 05:24:15.0000	-1	-14	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1973/10/14 04:04:23.0000	6	-33	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1973/10/14 00:29:21.0000	6	-33	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1973/10/13 22:24:07.0000	5	-33	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1973/04/18 03:09:21.0000	4	-32	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1972/07/15 06:53:02.0000	7	-48	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1970/06/15 07:17:21.0000	-13	-18.9	33	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1970/01/04 17:37:21.0000	-8.4	-21.2	33	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1974/06/27 18:45:56.0000	-3	-31	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1974/06/20 02:44:16.0000	3	-31	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1973/10/21 11:20:29.0000	5	-32	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1973/10/14 07:51:07.0000	6	-33	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1973/10/14 03:35:56.0000	6	-33	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1973/10/13 23:19:01.0000	4	-31	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1973/10/13 21:27:52.0000	4	-32	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1972/05/07 16:52:29.0000	12	-44	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1976/11/05 20:10:55.0000	-7	-20	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1974/07/01 06:58:12.0000	0	-32	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1974/02/06 17:36:35.0000	-7	-11	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1973/12/12 06:56:51.0000	1	-30	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1973/10/14 02:37:19.0000	5	-33	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1973/10/13 23:22:25.0000	5	-33	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1973/10/11 02:07:49.0000	1	-31	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1973/05/13 01:34:55.0000	-0.9	-13.2	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1972/10/29 03:09:26.0000	8	-38	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1972/08/29 22:05:33.0000	9	-41	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1972/06/26 16:04:27.0000	7	-36	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1977/06/26 10:26:58.0000	14	-45	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1976/08/16 02:26:52.0000	-7	-17	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1975/07/10 11:03:45.0000	-8	-16	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1975/04/13 09:07:25.0000	0	-24	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1974/11/20 16:27:40.0000	-1	-26	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1974/08/12 14:16:59.0000	-1	-16	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1974/06/04 15:14:17.0000	13	-44	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1973/12/17 07:31:37.0000	8	-38	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1973/11/15 06:05:52.0000	-1	-14	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1975/07/29 21:13:49.0000	-1	-13	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1974/03/30 08:25:07.0000	3	-31	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1973/11/19 16:38:14.0000	4	-32	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1973/11/15 15:05:58.0000	-8	-13	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1973/10/13 22:30:49.0000	5	-33	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1975/07/22 09:42:56.0000	15	-47	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1973/08/22 22:15:29.0000	3	-27	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1973/04/03 20:05:05.0000	9	-40	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1971/07/11 05:30:52.0000	-0.7	-14.2	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1979/01/28 19:45:21.5000	11.927	-43.727	22	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1976/05/04 04:08:54.0000	4	-38	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1974/06/27 22:51:02.0000	3	-28	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1973/10/14 00:55:35.0000	4	-32	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1973/10/13 21:10:51.0000	5	-33	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1973/07/29 01:14:23.0000	0	-25	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1972/12/09 06:44:41.0000	15	-45	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1974/06/27 18:46:14.0000	4	-26	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1973/05/13 01:32:03.0000	-4	-19	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1971/11/05 11:19:39.0000	0.9	-25.7	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1973/11/15 15:06:36.0000	0	-15	0	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1972/04/08 04:55:15.0000	8	-41	0	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1977/04/04 17:52:30.0000	9	-32	0	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1973/10/14 09:56:15.0000	6	-33	0	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1972/04/11 02:21:22.0000	2	-29	0	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1977/07/28 01:46:56.0000	-6	-15	0	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	1975/10/07 13:18:48.0000	-1	-20	0	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	1979/06/10 06:49:51.9000	8.106	-38.086	10	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	1971/09/30 21:24:10.0000	-0.3	-5.5	0	MS	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	1976/05/04 04:40:16.0000	3	-40	0	MS	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1975/10/07 08:28:05.0000	-2	-20	0	MS	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1975/10/07 08:28:09.5000	0.898	-26.772	33	MS	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2011/03/11 05:00:18.6500	1.7914	-31.6656	0	mb	3.3	1.88825E+23	4.82	6.62	0.0076	114.54
ISC	1999/02/19 05:22:58.0000	8.0473	-34.0512	0	mb	3.3	1.88825E+23	4.82	6.62	0.0076	114.54
ISC	1997/04/16 12:41:58.2000	4.075	-32.196	0	mb	3.3	1.88825E+23	4.82	6.62	0.0076	114.54
ISC	1997/02/19 13:57:24.5000	10.686	-41.237	10	mb	3.3	1.88825E+23	4.82	6.62	0.0076	114.54

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/09/29 09:00:24.0500	4.6204	-32.507	0	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2011/01/20 01:25:56.9800	-5.29	-11.4949	0	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2010/12/26 09:17:01.0200	8.1592	-37.9931	16	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2008/12/17 09:51:41.0400	7.4256	-34.1563	0	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2004/02/15 08:14:11.9400	6.3361	-33.2513	10	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2000/09/23 09:17:26.8500	4.3254	-32.5243	0	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2000/04/30 07:31:08.6400	7.244	-34.049	10	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	1998/02/28 02:06:43.0000	4.1045	-32.9257	0	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	1997/12/31 09:00:09.3000	9.496	-40.512	10	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	1997/03/05 08:39:55.1000	-0.9468	-23.5733	10	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	1997/02/26 06:11:08.3000	11.123	-43.639	10	mb	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2011/01/09 19:45:13.1000	12.683	-44.5093	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2010/10/03 22:35:55.1900	-0.4285	-14.7972	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2010/05/27 04:30:58.7200	5.9673	-32.3163	10	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2010/05/27 04:30:56.6800	5.9284	-32.3058	10	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2010/05/02 17:01:14.9100	-1.3211	-12.9269	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2009/05/17 23:58:54.6300	13.3838	-44.8349	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2009/04/23 20:46:51.3600	-0.2698	-19.6606	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2008/12/05 20:34:43.3300	-0.1187	-25.5205	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2007/12/13 12:43:05.5400	-0.7842	-25.3187	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2007/11/16 04:40:15.2100	-1.1413	-12.6814	10	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2007/11/16 04:40:13.4500	-1.1769	-12.5144	10	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2007/01/26 21:05:43.6200	9.6594	-40.4248	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2004/02/15 08:14:13.5400	6.284	-33.318	10	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2003/03/09 03:00:04.9900	8.1324	-37.2952	10	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	1998/03/01 12:32:17.0000	0	-9	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	1997/04/25 10:40:07.5000	7.995	-38.129	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	1997/04/10 12:21:16.5000	1.554	-25.496	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	1995/12/14 02:09:22.0000	-7	-13	0	mb	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2011/08/21 20:46:07.8500	0.5802	-29.1949	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2011/01/11 21:57:09.0700	7.2505	-34.5998	12	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2011/01/11 21:57:07.4300	7.1973	-34.5513	12	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2010/11/21 20:38:30.4700	-0.8036	-20.8636	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2010/10/25 14:01:28.7900	-5.2438	-11.3437	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2010/06/03 20:26:55.5900	-0.9533	-12.3014	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2010/05/15 16:49:17.2700	9.6558	-40.5963	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2010/05/15 16:49:15.7100	9.6853	-40.6001	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2010/05/15 16:49:15.7200	9.6877	-40.6212	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2010/05/15 11:00:44.6200	-0.1499	-20.4671	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2008/10/31 02:43:39.2400	-0.4799	-26.1033	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2008/06/01 00:10:58.9100	-0.6082	-16.4957	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2008/06/01 00:10:56.8900	-0.6479	-16.4769	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2008/05/25 03:50:23.5900	-1.0844	-23.9794	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/05/19 05:21:39.1400	6.7264	-33.7466	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2008/05/19 05:21:37.1800	6.712	-33.7332	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2008/04/30 15:33:04.6200	10.5319	-41.5524	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/12/27 21:48:02.8900	-3.5948	-11.6083	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/11/16 04:40:14.7600	-0.7654	-12.959	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/11/14 10:50:32.6700	-1.6814	-12.2966	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/10/23 03:35:55.1700	-1.7005	-12.7782	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/08/17 03:23:52.7300	-5.1526	-10.489	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/01/26 21:02:54.0700	9.4134	-40.3778	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/01/23 10:31:04.8800	0.5037	-25.2544	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2005/02/28 08:12:51.7900	-0.828	-18.84	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2004/06/02 16:46:50.3100	4.966	-32.7397	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2004/03/03 08:27:25.4500	8.5628	-39.0465	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2004/01/15 05:51:19.8500	7.8742	-37.8019	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2003/12/23 21:01:27.6600	-1.1132	-24.4487	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2003/12/23 21:01:22.7200	-2.0573	-23.5349	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2003/07/14 20:51:38.7900	4.3048	-31.824	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2003/05/14 16:42:14.0600	12.3807	-44.2399	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2003/03/10 09:20:12.5700	7.8015	-36.9136	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2003/03/09 03:00:05.2800	8.1488	-37.3853	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2003/02/25 10:03:00.9300	3.5337	-31.788	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2003/01/03 14:12:26.3600	3.2591	-32.7033	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2001/07/31 14:53:12.6100	10.1922	-41.9442	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2001/07/31 14:53:12.9400	10.161	-41.981	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2000/07/21 03:38:53.4200	-0.5351	-19.8268	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2000/07/21 03:38:53.5800	-0.513	-19.755	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2000/04/30 07:31:08.9200	7.2599	-34.0766	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2000/04/28 08:41:34.2300	5.986	-33.259	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2000/03/26 01:07:32.6900	-1.209	-24.263	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1999/07/29 03:55:39.0000	0	-18	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1999/01/31 17:39:40.3000	6.8134	-33.9239	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1998/12/24 23:15:47.8000	0.5817	-16.564	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1998/04/26 01:06:37.2000	0.7821	-16.7472	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1997/04/25 10:40:08.3400	8.0129	-38.1976	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1997/04/07 02:00:43.8000	8.991	-34.243	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1997/04/07 02:00:43.3600	8.9517	-34.2038	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1996/10/17 15:01:34.0000	-7	-13	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1996/07/31 21:41:06.1000	0.85	-16.23	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1996/03/17 14:15:42.3300	5.2853	-35.0167	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1996/02/19 22:41:33.3000	0.25	-17.11	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1996/01/06 13:59:55.2000	-0.64	-16.25	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1996/01/06 13:59:45.6400	0.0374	-17.3578	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1995/12/29 04:15:25.6000	-0.86	-12.82	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1995/12/29 04:15:21.8300	-0.8686	-13.0086	0	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1995/12/03 07:28:08.5000	0.047	-16.494	10	mb	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2011/09/15 21:04:23.8600	-6.204	-11.5415	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/07/09 23:09:20.4500	-7.4453	-13.5364	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/03/22 09:14:37.3100	6.2011	-33.3246	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/03/10 00:27:30.1900	3.2886	-31.3345	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/02/14 06:26:11.2500	0.3766	-16.976	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/02/14 06:26:11.1300	0.4555	-17.0075	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/01/11 21:57:07.3600	7.3492	-34.644	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/12/14 13:20:18.7800	-1.6182	-18.2325	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/11/21 06:12:54.2500	0.3577	-30.0184	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/06/23 00:48:43.3700	-7.518	-13.5607	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/03/23 21:33:41.9400	1.0381	-16.003	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/02/12 17:16:42.3300	0.738	-20.9829	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2009/11/30 09:54:57.5200	0.4063	-17.3476	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2009/07/08 02:52:51.2000	-3.1834	-11.5673	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2009/05/14 22:04:42.6400	14.3182	-44.8315	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/12/20 02:53:58.5600	10.3741	-43.0644	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/12/20 02:53:56.7500	10.3677	-43.085	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/11/20 08:56:37.5600	3.7638	-32.0297	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/09/15 06:46:02.8000	2.9757	-30.9395	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/05/21 07:43:57.6600	-6.6072	-10.8249	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/04/26 22:34:01.5300	-5.1193	-11.5335	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/03/21 13:21:51.4000	-1.8609	-24.2531	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/03/21 13:21:48.8000	-2.0199	-24.2047	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/03/14 21:59:43.4800	-1.0055	-15.9247	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/12/23 04:49:22.7500	3.918	-32.6332	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/11/14 18:38:23.1700	0.3006	-13.0997	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/04/14 10:41:46.4900	8.0996	-38.8828	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/04/01 09:32:23.4300	7.7074	-36.2487	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/03/25 14:24:53.6900	-2.2325	-23.7351	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/01/17 18:10:17.4300	9.126	-40.476	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2006/10/18 23:33:44.7500	-1.038	-24.61	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2006/05/31 22:09:49.8400	0.3293	-18.5775	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2006/04/10 03:34:17.9600	0.735	-26.7902	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2006/04/10 03:34:15.4800	0.5908	-26.7708	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2005/03/27 15:29:43.7600	14.489	-44.538	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2005/03/15 08:28:43.3300	14.6512	-45.4629	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2004/09/23 03:43:27.7800	13.2953	-43.7967	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2004/08/01 13:43:56.5500	6.3259	-33.3401	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2003/07/15 00:52:51.9600	3.7833	-31.6279	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2003/07/06 10:02:29.3000	9.3676	-40.7238	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2003/02/25 19:44:51.3500	0.6467	-16.9437	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2003/01/08 06:50:46.4800	14.1974	-45.3546	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2002/12/26 01:40:26.9800	6.5527	-33.6955	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2002/03/07 08:34:55.9500	-0.754	-24.414	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2002/03/03 01:53:24.0500	8.2523	-41.3248	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2002/01/27 06:26:52.1400	8.415	-39.378	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2001/04/14 18:38:12.5700	0.783	-24.892	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2001/03/25 09:12:08.1400	6.003	-32.87	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2001/03/03 21:15:24.8800	0.115	-25.121	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/12/12 03:38:24.1000	7.8592	-36.8941	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/12/12 03:38:23.7900	7.843	-36.798	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/12/06 01:17:29.0200	6.8504	-37.4036	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/09/22 20:33:53.3500	-0.29	-21.094	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/09/22 20:33:52.7600	-0.474	-21.1081	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/05/05 06:45:01.2200	4.1053	-32.6097	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/04/28 08:41:34.0200	5.9773	-33.3288	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/04/16 22:28:15.9700	-6.574	-11.771	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/03/26 01:07:32.8000	-1.0284	-24.2555	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/02/25 21:34:36.4000	8.705	-39.8232	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1999/12/16 04:38:30.0000	13	-43	0	Mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1999/04/04 07:09:23.1000	0.6245	-29.0952	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1998/10/10 08:15:22.3000	0.9844	-27.2508	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1998/05/07 02:25:08.3000	-1.488	-12.56	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1998/04/21 07:14:06.8000	14.8246	-43.6234	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1998/04/04 03:56:00.2000	3.706	-31.1884	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1998/04/04 03:56:00.3700	3.7276	-31.1179	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1998/02/03 06:42:46.2000	2.9699	-30.5838	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1998/01/15 20:57:37.5000	-0.6826	-20.8383	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1998/01/15 08:25:00.4000	7.454	-33.948	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/12/29 06:23:05.0000	6.9877	-34.1107	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/09/30 15:37:40.2000	6.2438	-33.4391	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/08/14 02:22:53.3000	3.914	-31.501	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/07/07 06:11:47.5000	0.051	-17.532	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/06/14 08:49:52.7000	0.635	-26.029	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/05/02 20:21:39.4000	0.578	-16.696	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/04/16 13:30:24.2000	5.115	-32.643	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/03/31 05:22:36.1000	8.544	-34.399	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/03/31 05:22:35.0000	8.565	-34.317	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/03/28 07:28:43.6000	0.131	-16.659	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/03/05 08:39:51.5000	-1.32	-23.9	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1997/02/21 18:16:49.5000	-0.202	-26.235	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1996/12/21 09:30:59.0000	-1	-18	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1996/10/12 06:25:13.5000	-0.264	-16.584	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1996/10/06 05:40:16.7000	-0.55	-19.73	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/10/06 05:40:16.4000	-0.561	-19.552	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1996/07/31 21:41:04.6000	0.825	-16.211	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1996/07/31 21:41:03.3300	0.687	-16.3832	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1996/05/23 22:16:12.4000	-0.07	-20.92	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1996/05/23 22:16:11.3500	-0.0317	-20.8748	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1996/05/04 16:32:58.7000	8.46	-41.74	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1996/03/17 14:15:43.9000	5.18	-35.1	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1996/02/19 22:41:33.7600	0.453	-17.1412	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1995/12/10 17:22:48.9100	1.1928	-16.1818	33	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1995/12/08 00:57:07.6000	3.98	-31.84	22	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1995/12/03 07:28:09.1200	0.1605	-16.5766	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1995/05/28 09:38:46.1100	-0.9523	-21.4149	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1995/05/28 09:38:45.9000	-0.98	-21.413	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1995/04/23 08:23:00.0000	4	-39	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1995/04/03 15:36:21.0000	-1	-30	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1994/08/03 02:25:18.0000	14	-46	0	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1994/03/04 14:51:32.5000	8.1465	-38.4633	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1992/12/27 21:02:01.4200	0.0873	-19.2862	10	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1981/06/01 13:49:45.0000	1	-26	33	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	1980/04/27 07:33:24.0000	0	-18	33	mb	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/09/28 01:03:54.9700	-12.3555	-15.0444	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/08/15 00:59:37.5100	1.6695	-30.6227	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/08/14 22:18:00.3800	-0.6332	-15.9723	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/03/10 18:06:38.2300	2.573	-31.2833	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/02/14 06:26:13.0000	0.4294	-16.9855	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/01/15 04:01:25.6100	7.6621	-38.5055	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/01/11 15:49:05.5500	-6.6275	-11.3111	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/12/26 08:51:27.8400	8.1211	-38.2068	16	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/11/25 05:39:42.6300	-1.6379	-13.3289	14	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/11/21 06:12:56.2300	0.2657	-30.0349	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/09/10 00:52:03.5800	-7.0871	-13.2054	13	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/07/18 23:13:15.9300	-0.6409	-15.8676	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/06/29 16:28:28.8600	-11.6939	-14.9115	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/03/29 10:57:40.9300	0.6196	-27.254	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/02/13 19:54:24.5500	-1.6901	-15.05	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/02/04 22:08:53.0900	-0.6632	-20.5303	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/10/28 20:12:54.9600	-12.7504	-14.3154	16	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/07/31 18:52:35.7300	0.8057	-27.681	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/07/15 21:06:52.9900	-11.8186	-14.0148	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/03/14 14:30:54.6800	-0.4346	-20.0921	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/11/09 17:59:20.2800	0.5428	-28.9875	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/11/01 20:23:06.2500	7.4578	-36.6747	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/11/01 20:23:04.1500	7.4468	-36.6656	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/10/03 07:56:05.1400	-11.6903	-13.8589	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/09/21 07:39:23.7000	13.5882	-44.9152	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/07/04 03:26:53.5500	-1.0951	-23.7645	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/04/11 12:47:57.8800	0.5037	-27.8521	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/02/05 15:52:34.3500	-1.3951	-24.0217	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/11/16 13:40:57.5700	-1.1003	-12.8059	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/11/16 13:40:55.2900	-1.0597	-12.7696	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/10/23 03:54:46.1400	-1.5496	-13.0455	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/10/23 03:54:44.1600	-1.4356	-13.0597	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/10/19 19:18:05.1600	-6.8453	-12.2849	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/10/19 19:18:04.8200	-6.6839	-12.2804	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/09/07 23:01:49.7300	-14.4823	-13.8743	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/08/11 07:03:47.5500	-5.4318	-11.5746	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/06/10 16:06:36.6100	1.44	-30.436	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/06/10 16:06:36.8600	1.4447	-30.4246	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/06/10 16:06:35.1500	1.4456	-30.3934	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/05/28 19:15:31.3900	0.6471	-24.5817	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/03/25 14:24:50.9500	-2.4108	-23.6859	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/02/08 11:39:53.2400	8.6992	-39.4322	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/01/17 18:10:17.7700	9.18	-40.4745	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/12/22 03:40:33.9300	-1.4235	-22.6927	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/10/18 23:33:44.8800	-1.0439	-24.6396	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/10/18 23:33:42.3200	-1.1043	-24.6257	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/06/27 17:46:54.2800	0.8233	-27.9067	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/06/14 01:33:03.5700	2.527	-30.7313	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/05/29 09:34:51.5300	-1.7422	-13.3388	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/04/24 13:25:40.2000	7.2512	-34.1946	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/04/10 06:37:38.4300	7.8306	-37.8534	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/04/07 09:44:28.3200	-2.2277	-15.4259	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/02/17 10:38:43.6800	9.5814	-40.3892	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/02/17 10:38:41.7000	9.5275	-40.3709	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/02/10 23:12:17.0200	-1.0944	-23.6238	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/01/30 04:30:21.6500	5.4655	-32.6619	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/01/21 00:55:03.1200	8.2415	-37.8686	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/01/18 16:19:35.8100	10.6141	-42.2734	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2005/09/02 01:04:09.4200	0.2073	-14.1794	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2005/04/22 05:44:46.2800	3.776	-32.279	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2005/04/22 05:44:45.0500	3.8493	-32.3581	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2005/04/02 00:34:33.3100	8.2138	-38.2664	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2005/03/27 15:29:42.1200	14.4916	-44.5325	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2004/10/06 04:00:01.2400	-1.4182	-23.3105	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2004/07/25 21:10:37.2500	14.5772	-45.1909	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2004/06/13 04:25:39.5600	14.8116	-42.1287	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/05/29 21:07:04.5300	1.2773	-13.5198	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2004/04/18 13:18:40.5700	9.5858	-40.7659	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/10/15 16:57:01.2900	9.5727	-40.5773	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/07/15 05:50:41.6200	3.3415	-31.5431	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/07/14 06:23:53.9500	4.1021	-31.7898	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/07/08 14:45:40.4100	3.2757	-31.0661	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/05/17 03:58:35.9200	0.4922	-29.8854	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/05/17 03:58:34.9900	0.4212	-29.9292	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/05/17 03:22:29.0300	0.5912	-29.7545	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/04/13 19:30:48.4600	1.338	-30.391	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/02/25 19:44:48.7000	0.1901	-16.3836	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2002/03/14 19:46:00.2900	-1.341	-24.566	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2002/01/11 18:38:09.8800	-1.096	-23.514	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2001/10/10 14:05:59.7100	5.669	-32.721	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2001/09/25 19:37:15.6000	11.811	-43.398	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2001/09/25 17:41:27.0700	12.207	-43.784	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2001/04/08 18:39:17.5000	5.6977	-32.804	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2001/04/08 18:39:17.4100	5.775	-32.737	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2001/01/18 19:45:12.4100	3.4754	-31.3892	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/07/20 16:16:13.0000	-5	-14	0	Mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/07/06 23:28:29.2200	7.594	-34.551	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/07/04 19:59:17.5900	-0.676	-20.5224	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/07/04 19:59:16.6500	-0.726	-20.603	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/06/29 01:59:33.2000	7.068	-36.822	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/06/17 07:55:30.0000	2	-22	0	Mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/05/24 16:06:08.9300	13.165	-44.716	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/05/05 06:45:00.9000	4.099	-32.542	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/04/27 06:59:23.2000	-0.577	-19.79	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/04/21 02:57:11.1600	-0.001	-24.8248	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/04/07 03:16:09.0000	-1	-15	0	Mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/04/06 23:24:10.9700	0.182	-18.041	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/04/02 13:49:48.8200	8.139	-38.65	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/04/01 09:10:52.0000	-8	-17	0	Mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/03/26 01:07:33.0400	-1.086	-24.201	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/02/25 21:34:36.6500	8.797	-39.76	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1999/08/10 06:01:25.0000	5	-31	0	Mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1999/05/16 08:57:03.8700	7.0518	-33.8725	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1999/02/25 21:32:31.1300	-6.974	-12.911	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1999/02/09 02:44:24.1000	3	-31	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1999/01/31 08:34:43.2000	9	-33	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/12/18 17:13:03.6000	8.3169	-39.1675	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/10/02 22:24:06.0000	12	-46	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/08/10 19:31:19.7000	-6.8506	-16.3562	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/07/12 13:16:08.1000	-1.202	-23.8267	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/07/12 13:16:06.9800	-1.3464	-23.619	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/07/01 20:14:32.1000	0.5247	-15.9085	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/05/07 02:25:11.5000	-1.4325	-12.6173	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/05/07 02:06:57.5000	-1.9047	-12.9009	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/04/26 01:06:38.6000	1.0455	-16.6323	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/04/11 18:20:14.5000	-0.7695	-17.0752	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/04/07 21:04:48.0000	2	-33	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/03/29 10:07:00.7900	0.1639	-17.7519	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/03/29 10:06:54.4000	-1.2626	-17.4036	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/02/20 02:25:18.0000	8.7278	-39.4414	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/02/04 04:32:54.9000	11.0747	-40.7474	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/01/19 23:25:57.5000	-0.991	-16.057	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1998/01/15 08:25:00.8000	7.4825	-33.9766	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/12/29 06:23:04.8600	6.9973	-34.0755	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/07/30 13:37:19.0000	1	-34	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/07/22 18:42:44.0000	4.533	-32.604	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/07/22 18:42:42.9900	4.4752	-32.6168	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/06/14 13:22:39.0000	1.133	-25.48	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/06/01 22:10:43.1000	-0.751	-15.785	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/05/15 15:52:33.1700	-0.8605	-24.4648	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/05/15 15:52:32.5000	-0.962	-24.51	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/05/02 20:21:39.4800	0.601	-16.556	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/04/28 13:18:22.4000	8.63	-34.784	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/03/31 05:22:35.5200	8.4993	-34.2739	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/03/24 02:20:16.0000	-6	-16	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/02/19 13:57:25.1000	10.67	-41.24	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/01/24 13:39:46.3700	0.9867	-25.3883	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1997/01/24 13:39:45.3000	0.57	-25.45	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/10/06 05:40:17.0100	-0.4691	-19.5946	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/07/12 20:42:03.3000	2.832	-31.201	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/06/25 08:57:09.0000	-2	-15	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/06/25 08:57:03.2000	-1.73	-15.43	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/06/21 06:35:20.5000	-1.43	-23.79	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/06/21 06:35:19.9000	-1.451	-23.749	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/06/20 18:24:46.9000	1.283	-27.035	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/06/20 18:24:46.5500	1.1856	-27.037	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/06/02 02:35:27.1000	10.65	-41.96	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/03/30 21:35:06.0000	9	-35	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/03/26 00:07:38.7000	2.53	-26.29	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/01/29 12:01:00.0000	0	-27	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/01/25 09:38:19.2500	8.0513	-39.1498	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1996/01/25 09:38:18.8000	8.03	-39.26	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1995/11/29 20:08:16.2900	0.6698	-12.9766	33	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1995/07/12 01:16:26.8000	7.72	-34.78	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1995/07/12 01:16:25.2800	7.6954	-34.8155	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1995/05/23 19:01:24.7300	-0.8649	-22.0205	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1995/02/02 13:39:05.3000	5.99	-32.49	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1994/10/06 05:44:21.0000	-1	-15	0	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1994/05/17 18:45:05.1300	-0.0438	-16.5531	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1993/02/08 22:42:19.0000	0.4	-16.3	33	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1991/10/26 19:05:31.9600	0.7527	-28.5417	10	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1978/01/22 00:04:18.9300	-1.6788	-23.5668	33	mb	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/09/29 17:57:11.2000	-7.397	-13.6277	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/09/16 19:18:55.1300	-4.8922	-12.2085	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/08/15 00:59:37.0500	1.4929	-30.5517	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/08/13 05:48:41.5900	8.6763	-39.2727	15	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/08/13 05:48:39.7700	8.6908	-39.2784	15	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/07/02 13:58:43.5500	-1.4674	-14.6101	11	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/06/20 16:01:05.3100	2.4766	-31.0283	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/04/15 18:11:55.3100	-0.1889	-16.4241	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/04/10 20:15:19.2000	14.6942	-45.2298	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/04/03 17:27:04.3800	-9.9472	-13.4559	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/03/22 09:14:39.1200	6.2667	-33.4049	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/03/22 05:12:42.3400	-1.0988	-24.7484	22	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/03/10 18:06:39.8800	2.5713	-31.3378	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/01/15 04:01:25.0600	7.7232	-38.5019	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/01/14 15:00:29.1700	-8.1466	-13.5716	17	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/11/25 05:39:44.7300	-1.5599	-13.3751	14	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/10/29 18:03:03.5600	-12.4422	-14.5697	18	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/10/29 18:02:34.2800	-12.5293	-14.8101	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/10/13 05:16:28.2800	5.635	-32.8403	12	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/09/10 00:52:05.2900	-7.1364	-13.2218	13	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/08/04 22:58:12.1900	-10.956	-12.8598	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/07/31 10:33:41.0600	-0.8471	-15.9447	20	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/07/18 23:13:17.8600	-0.6593	-15.8657	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/05/25 09:22:07.9000	-0.0047	-16.7732	13	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/05/14 16:48:56.5000	-1.6508	-13.1306	14	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/03/02 23:29:09.5100	8.2955	-38.5413	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/03/02 23:29:09.1100	8.2469	-38.4979	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/01/04 15:36:13.8700	8.1125	-37.905	16	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/01/02 11:11:44.0100	6.6716	-33.8299	15	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/12/03 01:07:12.9600	2.9161	-31.1856	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/11/25 14:12:09.6600	-11.3814	-13.8769	7	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/11/22 00:12:00.7100	-1.2518	-15.7989	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/11/19 11:25:23.1100	-1.4048	-16.1354	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2009/10/28 20:12:56.7300	-12.7592	-14.3787	16	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/10/28 20:12:54.2100	-12.7451	-14.3767	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/10/12 03:16:48.3700	10.4421	-40.9002	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/07/20 23:06:13.4500	-11.3862	-14.5222	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/06/21 01:41:25.4600	0.7435	-28.6685	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/06/01 20:51:13.9800	7.4312	-36.0958	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/04/27 22:47:55.0600	8.2597	-37.8465	16	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/04/19 20:29:16.8400	3.5082	-32.0429	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/12/08 09:34:20.2100	4.9397	-33.2409	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/08/12 00:49:04.1100	-0.9268	-22.0506	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/05/28 02:57:30.9900	-5.037	-11.908	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/05/24 14:42:11.7100	-0.0434	-17.945	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/05/24 14:42:10.0500	-0.0105	-17.9487	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/05/17 03:20:52.2600	0.8964	-29.2929	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/03/10 12:58:28.4700	0.3856	-26.4883	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/03/01 17:05:45.6700	1.0102	-40.4735	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/03/01 17:05:43.6500	0.992	-40.4644	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/02/23 01:47:58.8900	-1.2492	-15.6685	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/01/22 03:30:50.1900	3.7632	-31.8943	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/11/29 07:32:18.8100	-0.3555	-12.958	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/11/25 07:08:33.7700	-7.947	-13.62	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/10/23 03:02:54.2100	-1.2018	-13.1472	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/10/22 13:13:52.9400	-3.6063	-11.8772	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/10/22 13:13:50.5700	-3.5625	-11.9711	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/09/28 23:07:27.7600	-7.1955	-11.2166	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/08/17 16:20:34.7400	-4.8907	-10.7945	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/08/17 09:13:07.2500	-3.66	-11.7249	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/06/02 00:48:58.2700	-0.9551	-21.6167	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/05/26 11:34:24.7700	4.2497	-32.412	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/04/30 03:36:19.1700	-0.6223	-19.6961	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/04/14 08:58:30.1400	8.0509	-38.8265	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/01/11 08:29:24.3700	0.7518	-25.3129	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/10/18 23:32:55.1200	-1.0332	-24.4087	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/09/26 17:58:09.4600	-0.264	-17.3631	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/09/23 09:59:36.7500	-0.1591	-17.959	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/09/23 09:59:35.6100	-0.2444	-18.0623	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/09/17 18:18:42.3300	5.6493	-32.7592	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/07/23 20:08:05.2700	7.3205	-36.1811	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/07/23 20:08:03.1100	7.2917	-36.1948	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/05/05 02:19:09.1500	13.7151	-45.5573	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/05/02 04:18:45.2400	3.6731	-32.018	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/02/20 19:23:30.6300	-9.6735	-13.9422	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/02/12 23:14:44.6200	6.8887	-33.8256	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/02/10 23:12:17.5100	-1.0176	-23.7258	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/12/05 21:10:30.3900	0.5099	-24.9933	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/11/30 19:04:00.0200	4.079	-32.1728	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/09/16 03:07:19.4100	8.932	-40.4218	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/09/01 07:40:18.3300	5.7535	-33.0301	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/07/29 07:53:14.3400	0.8113	-27.6522	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/06/26 09:22:51.3100	2.8837	-31.2346	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/06/26 09:22:51.3300	2.9063	-31.1959	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/04/02 00:34:34.8200	8.186	-38.2	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/02/20 10:49:16.5300	7.702	-37.433	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/01/09 08:06:02.6000	8.7059	-39.3607	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/10/16 08:09:00.0400	0.196	-17.3212	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/10/16 08:08:59.4000	0.0279	-17.3083	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/05/13 06:17:37.2400	-0.4182	-14.6037	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/05/13 00:26:06.2600	12.122	-44.048	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/05/11 20:28:16.7800	0.638	-28.824	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/03/30 18:19:33.2400	4.3687	-32.6101	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/03/14 17:01:38.6500	-1.2312	-24.5786	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/03/12 18:37:02.7100	5.7368	-32.7239	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/01/28 14:28:48.5800	7.9323	-37.3962	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/12/25 15:45:26.7900	-0.3243	-19.9578	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/11/09 23:26:33.3400	-0.3139	-19.771	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/07/27 23:25:21.0300	3.1337	-31.2127	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/07/21 13:23:31.0100	4.9982	-32.5433	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/07/16 20:39:50.8500	3.1865	-31.3458	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/07/15 06:55:43.3200	3.0893	-31.1999	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/07/15 04:51:04.2900	3.2686	-31.1934	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/07/15 04:51:03.7000	3.149	-31.172	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/07/07 14:19:25.5600	7.375	-32.9644	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/07/06 11:16:15.1200	9.1496	-40.468	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/07/06 10:02:28.0600	9.1748	-40.53	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/06/05 04:01:35.5300	10.6178	-40.9213	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/12/26 01:40:26.9800	6.5417	-33.6155	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/09/11 11:58:22.8400	3.752	-32.424	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/05/27 14:13:17.2200	-6.433	-11.08	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/04/06 09:33:14.7700	11.03	-44.463	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/04/06 09:33:05.1500	11.304	-44.188	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/03/31 00:10:51.7000	-1.942	-13.072	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/03/03 01:53:24.3100	8.316	-41.201	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/02/06 09:50:59.2100	8.313	-39.109	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/01/26 08:08:53.3700	7.255	-34.571	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/12/10 18:30:17.8400	8.517	-39.078	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/12/08 13:21:27.7400	3.4205	-31.4126	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/10/10 14:06:00.0500	5.654	-32.663	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/09/30 18:26:21.4200	5.649	-32.952	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/04/10 17:27:57.6700	-1.375	-23.488	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/04/05 08:11:20.1800	-0.296	-19.2039	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/03/03 21:15:25.0800	0.2186	-25.0787	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/03/03 21:15:22.8200	-0.125	-24.567	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/02/18 05:11:20.8000	2.5174	-30.9668	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/01/30 16:56:48.6000	-0.687	-20.02	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/11/09 15:27:12.0000	14	-46	0	Mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/10/31 14:23:04.6600	6.4704	-33.5384	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/10/29 07:22:40.3900	0.8848	-28.186	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/10/21 14:54:21.2400	-7.2648	-13.537	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/10/02 18:28:02.1700	13.7023	-45.0334	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/09/16 18:59:09.1700	-0.495	-13.205	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/08/17 22:06:18.0000	-1	-16	0	Mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/08/17 22:06:16.0300	0.1249	-16.8014	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/08/08 05:40:56.5600	6.9349	-33.8062	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/07/30 01:14:34.0000	9	-35	0	Mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/07/20 16:27:12.0200	-1.4096	-13.7925	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/07/20 16:16:26.4100	-1.3887	-13.6086	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/05/20 09:44:23.2000	3.9231	-31.5783	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/04/29 15:17:40.0000	1	-13	0	Mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/04/27 06:59:23.0100	-0.613	-19.819	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/04/22 05:03:25.1700	2.266	-26.202	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/04/22 05:03:25.1800	2.221	-26.168	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/04/07 03:15:59.8000	-1.5191	-13.61	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2000/01/23 19:59:55.2000	-0.36	-28.365	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1999/08/10 06:01:20.1700	5.512	-32.996	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1999/03/28 16:34:55.6000	-7	-13	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1999/03/16 09:58:38.3000	-12.21	-14.929	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1999/03/14 05:10:57.5000	14.0702	-45.2246	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1999/03/02 14:44:13.3000	5	-31	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/12/18 16:01:10.8000	8.793	-39.1692	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/11/21 23:29:08.0000	-11.9377	-13.3587	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/10/10 08:15:23.1000	1.2306	-27.4223	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/09/29 22:37:17.4000	7.7326	-34.8925	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/09/29 22:37:17.2100	7.6958	-34.8819	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/09/06 11:23:17.2000	-0.9985	-16.421	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/08/30 06:11:58.3500	0.8555	-16.8562	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/08/17 07:42:21.1000	-3.2005	-12.2698	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/08/10 19:31:19.5300	-6.8159	-16.3513	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/07/11 08:18:33.5900	0.344	-16.8057	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/07/01 20:14:36.1600	0.0099	-16.0547	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/05/07 03:09:21.8000	0.937	-30.438	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/05/07 02:25:08.4000	-1.3802	-12.6189	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/05/01 11:49:46.0000	5	-14	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/04/25 08:50:54.6000	0.0319	-17.0484	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1998/02/20 02:25:17.6900	8.6752	-39.2767	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/12/14 08:56:28.3000	0.5923	-27.836	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/12/09 02:07:07.5000	0.275	-16.569	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/12/08 06:26:11.0000	1	-32	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/12/02 04:48:20.0000	15	-43	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/11/13 16:30:55.6700	11.222	-43.4831	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/09/17 00:56:26.5300	-9.7201	-13.5851	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/09/07 13:50:21.9000	-0.1521	-16.9246	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/09/01 23:17:24.1000	0.083	-16.9579	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/07/07 06:11:41.3000	-0.032	-17.408	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/05/25 10:52:33.4900	3.4918	-31.4673	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/05/15 16:24:32.6000	0.165	-16.746	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/05/15 16:24:32.8100	0.1636	-16.6981	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/05/09 08:23:20.2000	4.617	-32.628	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/05/09 08:23:20.1500	4.5963	-32.5666	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/05/04 02:09:21.1600	0.0599	-16.6585	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/05/04 02:09:19.9000	-0.084	-16.842	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/04/29 13:59:38.0000	0.003	-16.655	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/04/29 13:59:38.7900	0.1275	-16.5549	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/04/28 13:18:25.0500	9.1534	-34.6547	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/04/18 16:08:34.5500	0.0462	-16.4755	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/04/02 15:54:50.5000	9.641	-40.735	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/04/02 15:54:50.3500	9.6103	-40.495	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/02/19 13:57:24.9000	10.7379	-41.2106	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/02/17 21:15:31.1000	0.778	-25.073	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/02/16 18:11:58.0200	-2.4878	-13.4613	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/01/17 09:30:53.3000	7.57	-36.7	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1997/01/15 07:36:40.5000	0.01	-24.27	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/12/10 19:43:36.7000	0.94	-29.29	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/10/31 19:39:13.0000	2	-17	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/10/22 10:27:20.0000	7	-36	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/10/12 06:25:14.0000	-0.21	-16.68	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/08/28 22:50:57.0000	3	-14	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/08/05 08:20:24.5000	14.61	-45.21	21	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/07/12 20:42:03.6100	2.8626	-31.2199	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/06/21 08:58:17.3000	-1.38	-24	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/06/21 06:35:20.3000	-1.4082	-23.7424	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/06/08 19:51:51.0000	-9	-13	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/04/22 17:53:03.0000	-1	-15	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/03/30 21:34:54.3000	6.9	-34.07	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/02/18 23:29:04.1000	13.5184	-39.267	33	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/02/18 23:29:01.7000	13.79	-39.2	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1996/01/25 09:38:19.0000	8.033	-39.173	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/12/26 21:44:45.5000	-1.69	-12.24	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/12/08 00:57:05.3500	3.8528	-31.7693	22	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/09/03 11:33:23.5000	-1.12	-24.5	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/09/03 11:33:23.1900	-1.1178	-24.4528	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/09/03 11:33:22.4000	-1.144	-24.464	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/08/09 22:24:14.9700	-11.6135	-14.3908	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/07/26 14:49:58.1000	0.87	-30.5	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/06/09 12:19:01.0000	4	-15	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/05/30 15:25:27.1000	10.11	-42.7	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/05/28 09:38:43.8000	-1.42	-21.5	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1995/05/20 21:09:10.3200	-0.3972	-22.0737	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1994/05/18 02:26:05.0000	-1	-13	0	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1990/12/02 22:20:02.2500	8.2927	-38.3326	10	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1980/07/15 16:39:43.0000	0	-18	33	mb	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/09/29 00:55:34.5600	-12.9665	-14.4197	16	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/09/28 01:25:06.3200	-12.8923	-14.6858	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/08/15 00:59:38.8200	1.5831	-30.5967	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/07/09 23:47:10.6400	-7.9465	-13.6123	17	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/07/09 23:47:08.8200	-7.9401	-13.5432	17	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/06/04 18:04:42.7600	-1.5103	-16.0984	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/05/13 13:50:27.6300	-0.6113	-9.5954	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/04/21 09:48:03.0800	-12.0699	-14.7813	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/04/21 09:48:02.8300	-12.229	-14.7556	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/04/14 07:42:30.1700	0.475	-24.9146	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/04/14 07:42:29.9400	0.4211	-24.9545	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/04/10 20:15:21.1900	14.6697	-45.2144	12	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/03/26 01:58:29.9700	8.1416	-37.902	16	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/02/27 03:13:21.9500	4.5962	-32.5589	11	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/02/21 00:10:06.8300	0.8837	-27.0988	15	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/01/15 04:01:26.7800	7.6801	-38.5116	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/01/03 02:27:52.3600	-12.3736	-14.7926	15	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/12/22 14:11:27.9900	-2.1171	-11.7943	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/11/29 16:18:45.1900	-0.158	-18.0651	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/11/26 21:04:55.1800	11.1339	-44.0484	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/11/26 21:04:54.9300	11.1297	-44.0861	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/11/18 12:17:42.0200	12.997	-44.8461	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/11/18 03:28:21.5400	-7.6401	-13.5652	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/11/14 20:48:06.0000	-7.1664	-12.45	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/11/07 03:08:17.6300	-6.3377	-11.26	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2010/11/04 11:08:29.5500	12.8535	-44.8106	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/11/04 11:08:28.0100	12.9071	-44.8051	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/10/29 18:03:05.4000	-12.4468	-14.5935	18	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/10/29 18:02:36.6000	-12.5018	-14.8051	15	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/10/29 18:02:34.9200	-12.4676	-14.7766	15	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/10/28 04:09:48.4400	13.3005	-44.7496	15	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/10/25 07:14:06.0100	-1.412	-14.9174	11	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/10/22 08:55:16.2800	-7.7031	-13.5903	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/10/13 05:16:30.1600	5.6126	-32.8617	12	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/10/04 12:04:03.8900	13.7679	-44.8418	15	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/07/31 10:51:46.8100	-0.8636	-16.0154	20	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/07/11 16:05:21.3400	-7.6345	-13.4101	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/06/12 06:31:27.0100	-7.442	-13.6136	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/05/25 09:22:09.3200	-0.1062	-16.873	13	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/05/25 09:22:08.9900	-0.063	-16.836	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/03/02 23:29:10.8900	8.227	-38.5163	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/01/19 14:53:23.8100	0.7284	-28.9228	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/01/04 15:36:15.6500	8.1224	-37.9544	16	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/12/31 23:39:47.5200	-12.3372	-14.8729	15	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/12/03 01:07:14.4100	2.8809	-31.2191	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/11/30 17:47:51.4800	-3.1831	-11.1727	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/11/25 14:12:11.7100	-11.3177	-13.9009	7	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/11/22 01:06:59.5100	-1.304	-15.8263	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/11/22 00:11:58.7500	-1.2602	-15.804	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/11/19 11:25:24.1900	-1.2467	-16.1258	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/11/08 22:42:08.0800	0.3242	-17.2177	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/11/08 22:42:06.8200	0.3949	-17.1563	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/07/31 13:55:11.7300	-7.3599	-12.7526	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/07/31 04:18:19.5700	7.4815	-35.8591	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/02/26 14:49:36.6200	-11.6426	-13.2278	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/12/26 17:15:34.7500	7.1049	-34.1119	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/11/13 22:24:10.0300	10.6814	-41.4287	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/11/13 22:24:08.2500	10.6878	-41.4402	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/10/17 02:50:38.3800	-6.7072	-11.0149	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/09/04 17:03:05.9600	-0.1703	-17.3687	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/08/19 01:26:23.6200	-8.0213	-13.3448	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/08/12 00:49:03.6200	-0.99	-22.05	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/07/05 18:33:39.5100	7.3433	-34.9403	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/05/27 14:49:11.7800	7.3716	-34.9658	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/05/27 14:49:09.9300	7.3224	-34.9458	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/05/24 18:06:21.0300	4.3473	-32.567	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/05/24 18:06:19.2400	4.4392	-32.5403	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/05/22 14:34:46.7200	7.3457	-35.737	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/05/22 14:34:44.6400	7.3217	-35.7105	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/04/30 19:34:24.0900	10.1734	-41.7656	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/03/23 21:32:27.3700	-1.1445	-14.4508	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/03/23 21:32:25.2900	-1.1324	-14.4333	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/02/23 01:54:06.9800	-1.4076	-15.7681	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/02/23 01:54:04.8900	-1.3707	-15.7829	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/01/06 21:23:18.2700	-0.8018	-12.7982	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/12/20 08:54:06.7900	4.4763	-32.6243	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/12/20 08:54:04.9300	4.4668	-32.5934	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/11/28 23:25:19.6400	-1.1982	-13.1039	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/11/28 23:25:17.7200	-1.1427	-13.0723	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/11/16 07:34:48.3700	-1.2366	-12.5187	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/11/16 07:34:45.9800	-1.1744	-12.6138	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/11/16 05:44:42.6300	-0.981	-13.1034	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/11/16 05:44:40.6200	-0.9681	-13.0334	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/11/07 06:41:17.6200	8.0141	-38.0652	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/11/07 06:41:15.7700	8.0207	-38.0635	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/08/23 11:24:57.5000	8.6517	-39.383	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/08/22 09:17:34.8600	8.252	-39.279	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/08/17 05:58:54.5100	-3.1083	-12.5603	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/08/16 15:18:24.2300	-3.6991	-11.6611	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/08/16 15:18:22.0000	-3.6849	-11.7115	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/06/07 10:27:42.7900	0.0114	-20.2491	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/04/21 01:03:08.9800	10.6794	-41.1837	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/04/20 03:18:50.5600	-7.5067	-13.7403	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/04/20 03:18:49.4100	-7.4049	-13.6777	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/04/15 23:52:10.7600	-0.7754	-21.13	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/04/15 23:52:08.8700	-0.7649	-21.1138	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/04/04 00:35:06.1000	-14.8931	-13.1446	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/02/08 13:00:13.0000	9.2307	-39.4369	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/02/08 06:30:46.8500	-0.4636	-16.0051	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/02/05 16:37:00.4400	-1.4373	-13.9421	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/12/02 14:15:52.2300	-12.9761	-14.4186	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/11/26 08:58:42.2200	7.653	-37.7298	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/09/01 21:08:47.0000	12.4669	-43.3755	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/07/06 16:24:00.5800	7.2253	-34.2246	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/05/02 01:13:56.4600	-11.4505	-13.0278	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/04/11 10:15:29.9400	14.7015	-45.0864	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/04/11 10:15:29.6200	14.6811	-45.0407	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/04/01 02:33:07.2000	0.9448	-28.0422	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/03/28 01:43:33.1600	7.5379	-36.2227	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/03/26 18:09:03.1100	-12.3237	-14.8577	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/03/26 18:09:01.3600	-12.2534	-14.9157	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/03/07 21:17:46.0000	0.8029	-25.9609	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/02/12 23:14:45.1400	6.984	-33.8905	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/02/09 15:40:21.7000	1.505	-32.514	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/01/04 07:30:09.7800	0.272	-16.3597	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/01/04 07:30:08.0500	0.2803	-16.2735	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/12/31 19:55:24.7500	10.6328	-42.6073	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/11/05 01:08:53.5000	0.9121	-29.3238	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/09/21 08:22:15.3500	-1.0355	-24.5524	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/06/26 08:49:50.0200	2.9765	-31.2264	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/05/27 17:02:22.2000	-5.48	-11.446	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/05/16 10:27:38.3600	0.874	-28.284	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/04/29 03:50:19.9900	-0.8577	-16.1297	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2004/12/07 07:34:44.0700	-0.1386	-17.2041	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2004/11/12 07:11:19.0800	-1.8131	-15.7672	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2004/11/03 05:08:51.6200	1.635	-30.782	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2004/10/22 20:24:40.9000	0.8005	-17.4177	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2004/06/02 23:12:31.1900	4.8056	-32.6459	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2004/04/18 13:18:39.9600	9.362	-40.513	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2004/03/26 05:42:47.6800	-1.3855	-15.1729	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/12/25 15:45:26.6400	-0.3569	-19.84	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/11/09 02:59:42.4400	8.3654	-38.5184	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/10/02 15:20:00.7100	-1.2119	-14.9424	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/08/29 23:36:55.2800	10.7673	-41.3289	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/07/29 04:01:34.3300	3.014	-31.25	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/07/29 04:01:34.4300	3.0341	-31.2275	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/07/15 03:03:09.6400	3.2476	-31.4551	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/05/26 10:39:40.5200	0.9624	-28.9976	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2002/10/13 11:18:57.3500	-0.0992	-5.8221	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2002/10/01 23:40:47.1700	0.7003	-26.1616	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2002/07/11 12:05:26.5000	-1.6732	-12.9413	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2002/03/10 18:00:25.3400	-11.538	-13.457	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2002/03/03 03:42:20.2900	7.62	-34.62	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/12/01 17:56:18.2700	-4.3759	-11.9641	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/08/19 04:03:41.0700	8.877	-39.327	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/06/27 09:53:16.0800	14.613	-45.02	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/06/16 01:52:52.4500	-1.464	-22.026	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/05/31 21:46:23.3100	8.436	-39.649	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/05/18 00:04:24.8700	0.177	-16.761	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/05/10 01:54:07.4400	7.671	-37.183	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/04/18 03:18:22.2900	-6.483	-11.528	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/03/12 23:02:48.0100	0.806	-27.0936	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/01/31 22:39:54.7800	-0.4979	-19.8129	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/01/17 12:25:29.2600	-0.776	-13.371	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2000/10/31 14:23:04.4900	6.527	-33.507	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/10/24 13:15:03.0000	7	-38	0	Mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/10/21 14:54:21.2400	-7.25	-13.495	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/10/21 08:25:25.0000	-2	-13	0	Mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/08/26 02:42:32.0000	3	-32	0	Mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/07/20 16:27:11.4100	-1.407	-13.839	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/07/20 16:21:24.8300	-2.1938	-13.6091	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/07/06 23:28:29.4600	7.6187	-34.5926	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/06/17 07:54:58.7400	-1.4648	-24.2625	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/06/16 23:05:40.4000	-7.9556	-13.6892	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/06/04 18:18:30.9600	-0.2228	-16.6371	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/05/20 21:11:24.6600	7.252	-34.569	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/05/18 09:51:27.0000	-2	-10	0	Mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/05/17 10:22:47.6700	-0.1835	-18.3161	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2000/03/23 15:48:09.5400	-1.287	-15.954	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1999/12/20 01:57:10.1100	7.489	-35.206	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1999/12/16 04:38:09.7600	12.0562	-43.8683	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1999/12/04 03:02:12.0000	0	-24	0	Mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1999/10/23 14:29:24.2000	-1.9	-13.51	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1999/03/16 09:58:34.3000	-12.7044	-15.7657	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1999/03/14 05:10:56.0100	13.913	-45.105	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1999/03/12 02:13:34.2000	2	-31	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1999/02/25 21:32:34.8000	-7.0402	-13.0095	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/12/24 23:15:40.1000	0.664	-16.653	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/11/20 20:14:42.9000	12.5811	-44.4317	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/10/22 16:10:33.1000	-5.0496	-12.2039	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/10/04 18:23:21.7300	1	-28.9495	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/09/06 11:23:17.9000	-0.8882	-16.2648	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/08/17 07:42:19.5800	-3.1517	-12.2144	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/07/09 17:18:54.0000	-1.397	-15.7503	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/06/27 16:41:45.4000	-6.5139	-12.963	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/06/27 16:41:45.1200	-6.5527	-12.9095	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/05/07 03:09:21.5000	1.1155	-30.5437	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/04/25 17:36:04.3000	0.0728	-16.8571	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/03/22 08:49:00.0000	0	-18	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/03/14 17:28:18.1000	-0.4048	-20.0488	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/03/14 17:28:18.2500	-0.3515	-19.9697	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/03/13 13:25:32.0000	-3	-16	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/02/01 10:40:56.7000	-0.832	-21.653	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/01/28 02:24:29.0000	4.649	-32.637	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/01/28 02:24:29.7800	4.78	-32.5764	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1998/01/22 20:19:16.3000	-0.8486	-13.0574	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/12/23 19:55:40.1000	-0.1663	-18.6307	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1997/12/11 07:02:48.4200	-0.8066	-24.4268	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/12/05 01:28:52.0000	-4	-15	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/12/03 02:59:00.5700	0.0741	-16.7127	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/11/28 17:54:58.4000	0.2667	-15.8122	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/11/18 19:33:48.5000	11.3593	-44.4425	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/11/18 19:33:48.8500	11.2872	-44.5582	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/11/13 16:15:48.0000	11.2343	-43.6677	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/10/01 21:41:04.3000	13.5398	-44.7079	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/10/01 21:41:04.2400	13.4966	-44.6446	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/09/01 23:17:24.4800	0.1477	-16.7813	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/08/29 02:32:52.1000	2.285	-29.108	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/08/29 02:32:52.6500	2.1104	-29.0313	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/08/26 08:27:36.0000	-4	-22	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/07/28 08:45:53.0000	7.456	-36.344	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/07/28 08:45:53.7100	7.4955	-36.3328	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/07/10 18:39:00.0000	-15	-11	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/07/07 06:11:39.5900	-0.4549	-17.1918	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/06/14 13:22:39.2300	0.9653	-25.3998	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/05/19 20:05:44.0000	0	-18	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/05/15 15:52:32.8000	-0.939	-24.544	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/05/15 15:50:08.2000	-0.942	-24.51	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/05/11 23:02:05.3600	0.0291	-16.7011	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/05/09 08:23:19.7000	4.593	-32.594	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/05/08 09:28:38.8900	0.1657	-16.6878	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/05/01 15:41:37.6000	2.975	-31.158	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/05/01 15:41:37.4500	3.0899	-31.0711	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/05/01 04:56:33.8000	-0.331	-19.144	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/04/24 00:08:13.2900	-5.6772	-11.1371	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/04/23 21:47:29.8000	0.925	-29.522	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/04/21 02:15:15.0000	0.135	-16.717	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/03/06 15:55:58.4000	12.992	-44.885	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/03/06 15:55:58.5000	13.03	-44.93	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/03/05 08:19:44.7900	-3.5665	-12.0019	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/02/26 06:11:08.5000	11.2	-43.69	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/02/26 06:11:08.5200	11.1048	-43.6307	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/02/22 02:57:22.9000	0.78	-26	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/02/21 18:16:50.2000	-0.18	-26.23	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/02/21 18:16:49.8600	-0.1436	-26.1985	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/02/21 10:02:55.0000	0	-25	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/01/30 23:46:55.0000	11	-37	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/01/28 23:08:14.7000	10.95	-43.36	34	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/01/17 21:13:32.0000	0.83	-27.54	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/01/17 21:13:28.1200	0.9375	-27.6106	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1997/01/17 21:10:59.0000	3	-27	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1997/01/03 17:54:35.0000	-1	-14	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/12/21 09:31:00.1000	-0.22	-16.84	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/12/21 09:30:56.6000	-0.006	-16.923	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/12/15 14:12:14.0000	0	-29	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/12/14 09:50:42.0000	12	-45	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/12/10 19:43:38.2500	1.2803	-29.234	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/12/10 14:32:45.0000	3	-28	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/12/08 19:42:23.3000	2.01	-27.13	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/12/08 19:42:13.2000	1.068	-28.076	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/11/30 13:02:33.1000	-4.39	-12.78	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/11/30 11:27:24.4300	0.9819	-28.2662	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/11/29 06:17:03.8500	0.653	-30.4993	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/11/29 06:17:02.8000	0.4	-30.59	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/11/19 01:49:54.3000	-5.45	-11.62	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/11/10 20:13:05.7000	0.054	-16.6	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/09/30 16:21:20.2000	7.61	-35.7	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/08/27 18:41:32.3000	-0.96	-24.53	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/06/23 18:23:08.0000	-2	-14	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/06/08 19:51:29.6000	-12.75	-14.83	25	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/06/02 02:35:20.8000	10.785	-42.068	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/05/31 08:56:43.5000	-14.248	-14.322	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/05/04 16:31:36.6000	-1.14	-23.47	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/04/05 04:30:59.8000	8.24	-38.53	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/03/30 21:34:54.2300	6.9402	-34.0189	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/03/30 21:34:53.9000	6.861	-34.065	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/03/04 03:29:27.4000	10.74	-41.253	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/03/04 03:29:27.7000	10.72	-41.26	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/03/04 03:29:27.5100	10.7387	-41.2385	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/02/18 03:14:51.6000	0.26	-13.46	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/02/11 09:02:34.2000	-0.71	-12.82	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/02/11 09:02:34.7900	-0.7526	-12.7375	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/02/03 18:26:13.3000	8.19	-38.3	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/01/27 01:27:54.0000	-0.73	-13.95	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/01/13 11:35:22.2000	-0.57	-22.34	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/01/13 11:35:22.0000	-0.494	-22.305	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/01/13 11:35:21.6900	-0.5976	-22.2564	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/01/08 04:51:51.6900	-0.923	-12.8433	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1996/01/06 13:59:44.8000	-0.047	-17.395	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1995/12/30 18:21:29.5000	7.47	-34.8	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1995/12/26 21:44:48.9200	-1.6792	-12.1779	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1995/09/09 17:29:17.7700	-0.7498	-18.9039	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1995/08/14 10:16:14.2000	0.89	-27.66	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1995/08/14 10:16:14.1900	0.905	-27.2945	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1995/08/01 06:57:21.7000	0.12	-17.24	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1995/06/04 10:15:25.4500	-1.1478	-21.9865	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1995/05/04 11:43:34.0000	-7	-12	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1995/04/26 00:26:19.0000	-1	-24	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1994/08/28 15:33:52.0000	8	-42	0	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1993/05/29 22:44:17.0000	2.8	-15.5	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1992/12/29 02:29:11.0700	1.0807	-19.262	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1992/10/30 00:33:08.0000	-2.2	-15	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1992/06/20 05:21:39.0200	0.0829	-28.2959	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1990/12/02 22:20:02.5000	8.285	-38.511	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1990/07/31 04:13:04.0000	1	-13.2	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1989/09/10 10:37:18.0000	1.2	-13.7	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1989/08/22 02:53:11.0000	-5.6	-13.1	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1987/05/08 11:26:58.6500	7.0373	-34.8642	10	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1980/05/16 02:20:52.0000	1	-26	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1979/02/28 08:29:55.0000	12	-45	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1975/07/01 05:21:16.0000	-12.816	-14.744	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	1970/12/25 02:43:24.0000	12.6	-43.4	33	mb	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/08/25 21:57:59.0700	0.8102	-27.3728	15	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/08/11 06:58:54.3100	-6.8457	-13.0817	13	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/07/17 16:37:23.2500	0.5688	-25.1489	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/07/10 05:09:38.3300	-3.1293	-11.9862	13	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/07/09 23:36:31.4600	-7.6951	-13.3101	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/07/08 13:59:50.0800	-11.7282	-11.8621	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/05/13 13:50:29.1200	-0.6319	-9.5828	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/04/21 09:48:04.6800	-12.1081	-14.7804	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/04/14 07:42:31.5700	0.4335	-24.9679	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/04/09 03:30:02.6100	-11.5978	-14.0099	7	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/03/26 11:15:36.6500	-14.025	-14.54	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/03/26 01:58:29.0100	8.134	-37.905	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/03/16 13:21:46.0900	12.059	-46.2987	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/02/27 04:08:22.1600	4.3276	-32.5123	11	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/02/25 13:11:51.8500	1.6642	-26.828	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/02/19 01:54:16.5200	10.7402	-41.3008	18	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/02/03 17:38:49.6200	0.568	-25.897	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/02/03 17:38:48.9100	0.5878	-25.8176	14	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/01/03 02:27:53.1200	-12.428	-14.808	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/12/22 14:11:30.2200	-2.1554	-11.7244	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/12/22 14:11:28.0400	-2.39	-11.925	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/12/15 05:09:52.2600	-1.2306	-15.0376	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/11/18 12:17:43.8500	13.0337	-44.8098	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/10/28 08:38:50.6400	0.114	-16.378	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2010/10/28 08:38:49.3400	0.1209	-16.3606	13	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/10/25 07:14:05.5400	-1.494	-15.321	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/10/18 22:13:02.2400	-7.5837	-13.8099	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/10/15 03:44:49.6800	-13.8061	-14.4593	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/10/15 03:44:47.8400	-13.8183	-14.4433	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/09/09 06:26:22.4200	-14.1517	-13.7338	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/08/04 22:58:13.7600	-11.0289	-12.997	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/08/02 03:30:00.8200	7.0848	-34.1534	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/07/31 10:17:02.9500	-0.8714	-15.8207	20	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/06/22 10:59:57.3900	-11.504	-13.237	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/06/08 20:50:20.5400	-1.016	-13.491	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/05/18 07:20:54.6400	-3.9434	-12.0267	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/02/12 03:02:04.4400	0.6049	-27.4662	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/02/07 03:13:56.3800	-12.0868	-14.4657	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/01/13 03:36:59.3900	10.6425	-41.9255	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/12/17 22:26:57.2900	6.2558	-33.4298	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/10/13 13:47:03.0600	-6.7779	-11.8385	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/09/17 19:14:21.5700	-0.1799	-17.4474	12	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/08/15 09:44:03.2500	-2.2517	-12.4255	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/08/09 07:31:07.3100	3.8108	-32.2937	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/07/31 13:55:13.4600	-7.3377	-12.7617	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/07/17 23:41:04.4700	7.4549	-36.1689	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/07/13 05:47:20.5400	-0.0348	-24.8376	18	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/05/13 08:43:21.4300	-1.3842	-14.71	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/03/27 10:00:46.6200	-12.5366	-14.6682	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/03/22 05:03:29.2000	-13.3676	-14.1703	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/02/28 21:18:18.5300	3.8411	-32.5341	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/12/26 17:15:36.7100	7.162	-34.113	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/11/26 06:25:27.3000	0.2879	-17.8122	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/11/09 17:59:21.4900	0.439	-28.954	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/10/10 03:51:04.9200	8.643	-39.7426	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/10/10 03:51:03.0300	8.6475	-39.7546	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/09/19 21:23:40.5900	-7.0702	-13.1107	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/09/19 09:34:21.4200	1.0929	-26.9835	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/09/01 15:59:36.3900	9.0188	-40.5062	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/09/01 15:59:34.4900	9.0159	-40.5315	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/08/21 13:19:58.2200	-1.1085	-22.0433	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/08/21 13:19:56.8400	-0.9211	-22.0884	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/07/15 10:53:39.8600	0.8868	-25.9605	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/07/15 10:53:38.9800	0.705	-25.872	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/07/15 10:53:38.0400	0.8773	-25.9297	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/05/24 19:06:25.0600	0.6228	-25.3992	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/05/17 03:20:51.9200	0.85	-29.282	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/03/10 12:58:28.7300	0.535	-26.559	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/03/09 00:31:43.0600	-3.9918	-12.1444	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/12/25 17:59:18.7500	-6.9651	-12.3834	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/11/16 07:34:47.7800	-0.7158	-13.0767	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/11/14 18:38:24.3400	-0.1932	-12.757	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/11/14 18:38:21.5500	-0.1203	-12.7439	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/11/14 10:16:41.7400	8.1142	-38.8497	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/09/30 05:27:40.6100	-2.2033	-12.6088	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/09/30 05:27:38.2300	-2.2082	-12.5383	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/09/24 07:24:37.4400	-1.1183	-15.7769	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/08/20 23:03:54.0200	7.7678	-38.9183	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/08/17 16:20:35.6300	-5.1138	-10.607	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/08/17 16:20:33.0700	-5.0664	-10.6343	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/08/15 13:01:40.9000	0.7105	-29.307	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/08/15 13:01:39.0600	0.7315	-29.3075	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/06/08 22:01:21.2400	9.456	-40.5509	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/06/02 00:48:59.8500	-0.895	-21.647	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/05/26 11:34:26.4900	4.259	-32.46	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/04/14 08:58:29.6800	8.003	-38.782	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/03/07 00:01:26.1800	-0.2698	-18.6847	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/03/07 00:01:24.2600	-0.2435	-18.6648	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/02/08 06:30:48.7000	-0.4435	-15.9822	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/12/22 03:40:34.7300	-1.652	-22.561	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/10/03 20:45:26.8600	-0.7603	-15.9382	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/10/03 20:45:24.5000	-0.7679	-15.9475	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/09/30 18:53:04.1800	7.47	-34.6529	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/06/26 20:57:24.4100	-3.2187	-12.1281	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/06/22 01:12:02.9100	4.3397	-32.3278	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/06/22 01:12:00.5400	4.4597	-32.4303	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/06/22 01:12:00.4100	4.2941	-32.2983	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/06/06 20:01:09.4300	1.0347	-27.8072	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/05/02 05:01:17.7900	-11.4349	-12.9991	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/05/02 04:18:47.4300	3.611	-32.127	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/02/11 23:20:59.4900	7.452	-34.6653	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/02/11 23:20:57.3600	7.398	-34.6191	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/02/07 16:14:27.8000	3.195	-32.634	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/02/07 15:24:08.6700	5.485	-32.628	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/01/18 16:19:35.4400	10.53	-42.251	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/10/05 16:03:12.6900	0.705	-30.211	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/10/05 16:03:11.5500	0.8876	-30.2473	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/09/30 11:24:23.0200	2.8347	-31.1835	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/09/16 03:07:21.2800	9	-40.418	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/09/04 12:09:32.3600	3.7529	-32.1977	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2005/06/27 18:53:18.2700	7.2965	-34.889	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/06/22 20:27:58.7000	10.5623	-42.2368	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/05/28 21:49:08.4000	-11.5694	-14.1059	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/05/17 21:22:08.0900	-1.064	-24.523	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2004/11/03 05:08:50.2000	1.573	-30.806	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2004/10/29 08:41:42.5100	0.8113	-28.9292	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2004/10/22 20:24:38.5100	-0.09	-17.341	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2004/08/25 10:24:03.8700	-14.0485	-14.108	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2004/07/10 16:52:16.8700	-12.3313	-14.8374	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2004/03/26 05:42:50.9100	-1.1071	-14.5157	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/12/31 04:56:43.5700	-7.3828	-13.2674	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/10/12 19:21:48.9400	-1.449	-17.8223	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/09/07 20:11:32.0200	0.885	-27.782	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/09/07 20:11:32.2600	0.9185	-27.8096	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/07/28 22:18:07.7900	0.912	-26.004	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/07/15 03:03:10.5200	3.354	-31.6043	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/07/06 11:16:15.5100	9.209	-40.568	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/06/06 07:04:57.7700	-0.7637	-16.1458	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/05/26 10:39:39.3000	0.657	-28.95	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/05/17 03:58:36.2200	0.631	-30.06	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/04/13 17:38:45.7500	-8.3059	-12.6377	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/12/06 17:24:32.7200	7.442	-35.1356	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/10/02 20:22:58.7800	9.9886	-40.7489	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/07/11 12:42:17.6100	-1.6074	-12.9699	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/06/15 02:42:11.0900	4.2642	-32.5366	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/06/03 22:43:51.9700	3.071	-31.2	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/05/22 09:39:29.8100	-3.167	-12.011	25	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/04/28 01:21:49.2300	2.736	-31.38	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/03/30 19:07:03.8900	14.183	-45.002	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/03/07 08:34:56.0300	-0.672	-24.444	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/03/03 03:42:20.0900	7.585	-34.639	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/02/24 22:04:52.7100	-7.743	-13.309	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/02/18 06:14:53.9400	-8.415	-13.584	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/01/26 08:08:53.9700	7.334	-34.594	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/11/30 20:56:54.5500	-4.254	-12.157	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/09/30 18:24:01.1100	5.674	-32.732	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/09/09 04:19:17.1500	-14.223	-14.345	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/08/19 18:06:47.9000	-1.309	-14.495	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/06/12 14:18:44.3500	14.6486	-45.1279	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/06/03 11:24:27.7600	-0.066	-24.813	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/04/17 22:30:58.3800	-14.2871	-13.6473	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/04/17 22:30:57.9500	-14.419	-13.618	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/04/10 17:27:58.0100	-1.311	-23.494	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/03/12 23:02:47.9600	0.824	-27.094	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/02/15 01:38:03.6500	7.244	-35.93	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/02/15 01:38:03.7900	7.29	-35.922	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/01/31 22:39:54.1900	-0.513	-19.802	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/01/31 22:39:54.4300	-0.504	-19.799	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/01/30 16:56:48.8700	-0.6684	-20.0392	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/01/15 15:51:08.7300	-6.9	-11.144	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/11/04 19:30:29.2000	-0.9092	-17.1659	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/10/15 16:05:41.0000	2	-14	0	Mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/08/08 05:40:54.3600	6.767	-33.255	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/07/20 16:21:29.0600	-1.577	-13.221	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/07/20 16:18:41.1100	-1.446	-13.2199	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/07/04 19:59:16.7300	-0.732	-20.581	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/07/03 16:50:18.7500	-11.6356	-13.0724	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/06/11 00:31:10.7400	-1.6363	-12.7824	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/06/08 01:54:07.2800	0.0786	-16.7503	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/04/05 07:10:16.5100	-7.1753	-12.0344	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/02/25 21:17:04.5400	8.892	-39.867	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/02/25 02:03:53.7500	9.6994	-38.6878	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/01/28 15:26:36.0000	1	-31	0	Mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/01/22 08:38:07.3900	3.091	-31.133	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2000/01/20 10:51:36.0000	2	-17	0	Mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1999/07/10 01:06:02.8700	-0.057	-16.396	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1999/01/19 15:12:50.4000	-1.6739	-12.893	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/12/19 01:15:46.0000	-1	-15	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/11/21 23:29:07.6000	-11.915	-13.368	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/10/22 09:36:14.4300	-5.374	-11.5787	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/10/14 04:36:25.3000	14.6407	-45.1045	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/09/25 05:21:14.4000	-0.1899	-18.1875	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/09/05 03:24:07.1000	0.8438	-28.2273	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/08/03 04:55:47.9600	0.0169	-16.5988	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/07/09 17:18:53.6000	-1.413	-15.683	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/07/09 17:18:53.7600	-1.3969	-15.7011	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/07/09 16:58:26.6000	-1.0654	-17.2026	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/07/09 01:30:49.6000	-5.9659	-11.2273	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/05/07 02:06:54.1900	-1.918	-12.8543	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/04/25 08:50:54.9000	0.212	-16.732	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/04/13 08:40:24.6000	-0.056	-17.4439	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/04/07 21:04:57.4000	3.7172	-31.7488	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/04/07 21:04:56.5000	3.613	-31.704	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/04/07 21:04:56.8900	3.5775	-31.6855	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/03/14 17:28:17.8000	-0.408	-20.025	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/03/01 07:10:53.0000	-12.9626	-13.0004	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/03/01 07:10:50.4000	-13.4338	-12.6279	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/01/26 15:47:10.0000	-1	-11	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/01/19 23:25:57.8000	-0.9804	-16.0874	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/01/19 12:30:06.5000	-0.5842	-20.1779	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1998/01/11 00:39:38.6000	-7.67	-13.3606	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/12/11 07:02:47.9000	-0.93	-24.4641	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/12/05 01:29:14.3000	0.0344	-16.6795	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/11/30 18:32:33.0300	5.5205	-32.5347	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/11/30 18:32:32.8000	5.5529	-32.6098	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/11/28 17:54:57.7100	0.4879	-15.8261	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/11/13 16:01:20.3000	11.1473	-43.6063	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/11/09 19:06:23.9700	-3.337	-11.7566	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/10/27 07:40:46.2000	0.3188	-16.8387	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/10/27 07:40:46.5100	0.3861	-16.8334	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/10/23 03:48:44.5000	8.1759	-39.2269	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/10/04 10:20:34.1000	0.0529	-16.8363	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/10/02 14:43:05.7500	-0.5128	-19.7296	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/09/26 00:14:14.7000	0.1349	-16.7372	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/09/19 16:34:55.1000	-0.1035	-16.7542	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/09/07 13:50:18.5700	-0.1234	-16.833	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/08/11 00:04:15.0000	1.046	-27.981	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/07/30 13:37:41.8000	5.599	-32.872	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/06/29 23:34:14.7400	13.3383	-44.6644	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/06/16 23:08:57.2500	-1.0632	-24.3508	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/06/14 08:49:49.5600	0.8537	-26.2347	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/06/01 22:10:41.2200	-1.1054	-15.6322	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/05/25 10:52:33.3000	3.486	-31.499	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/05/12 22:29:23.4000	0.238	-16.678	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/04/17 12:47:24.9000	0.416	-16.778	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/04/16 12:45:09.8000	4.381	-32.591	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/03/10 14:41:35.9000	-1.73	-12.17	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/03/06 15:55:58.8200	13.0331	-44.8467	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/03/05 10:38:25.3000	-3.6	-12.27	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/03/05 10:38:25.6600	-3.5769	-12.1454	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/03/05 08:19:44.8000	-3.74	-12.04	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/02/22 02:57:22.8400	0.6733	-25.9019	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/02/04 20:54:14.2400	-12.5376	-14.7658	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/02/04 20:54:13.9000	-12.46	-14.86	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/01/17 21:10:45.0000	1.05	-27.7	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/01/17 09:30:53.5000	7.677	-36.759	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/01/17 09:30:53.2700	7.5926	-36.7174	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/01/09 17:47:27.0000	2	-30	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1997/01/09 17:47:19.4000	0.74	-29.35	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/12/25 07:00:13.3000	8.23	-39.7	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/12/24 06:40:56.9000	-1.21	-13.51	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/12/21 09:30:58.8900	-0.0018	-16.7769	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/12/20 20:19:49.5000	-2.63	-15.27	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/12/17 23:18:34.1000	0.89	-29.67	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/12/15 20:49:11.5000	0.84	-29.51	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/12/10 11:04:54.7000	0.59	-29.45	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/12/10 11:04:54.5000	0.791	-29.523	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/12/08 19:42:13.5400	1.0749	-28.07	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/11/29 06:17:03.6000	0.641	-30.522	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/11/23 08:07:05.5000	-11.48	-13.88	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/11/23 08:07:05.5300	-11.1682	-13.9237	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/11/10 20:13:06.6000	0.17	-16.62	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/11/09 15:38:44.0000	6.94	-34.25	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/11/01 14:38:27.0000	2	-17	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/10/22 10:27:20.1000	7.22	-35.03	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/10/17 12:44:38.4000	6.32	-39.44	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/09/30 16:21:20.4000	7.6473	-35.59	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/08/30 07:48:02.8000	-0.12	-17.7	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/08/28 22:50:21.2000	-1.36	-14.93	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/06/27 06:36:36.0000	8	-40	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/06/27 06:36:31.6000	8.804	-40.062	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/06/21 23:34:37.0000	0	-28	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/06/21 08:58:17.6200	-1.4309	-23.9453	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/06/20 20:41:34.0000	0.81	-26.72	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/06/02 02:35:21.2100	10.7634	-42.0346	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/05/31 08:56:40.9000	-14.21	-14.33	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/05/04 16:31:35.0100	-1.0823	-23.275	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/02/19 22:41:33.1000	0.372	-17.162	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/02/14 05:42:18.8000	-12.88	-14.18	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1996/01/13 16:44:54.7300	0.385	-16.4646	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/12/26 21:44:44.7000	-1.677	-12.219	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/12/14 13:27:06.6000	13.82	-45.35	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/10/31 11:01:52.6700	-3.2761	-11.9396	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/10/27 04:52:27.2000	-0.5588	-17.4104	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/10/10 05:10:59.4400	0.3323	-15.918	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/10/10 05:10:58.0000	-0.204	-15.539	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/09/09 17:29:17.7000	-0.743	-18.912	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/09/09 17:29:16.4000	-1.02	-18.94	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/09/08 17:49:58.1000	1.08	-28.41	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/09/02 05:06:45.9000	-2.71	-12.11	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/07/26 14:49:55.2600	0.8205	-30.2367	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/07/14 02:01:13.5100	4.114	-32.4184	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1995/06/16 07:44:02.9000	10.89	-43.65	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/06/04 10:15:25.6000	-1.09	-22.2	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/05/23 19:01:23.9000	-1.29	-22.36	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/05/20 21:09:10.3000	-0.46	-21.91	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/03/11 22:12:13.8000	-6.35	-10.78	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/03/11 22:12:07.1000	-6.881	-12.028	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/03/11 22:12:07.5600	-6.7921	-12.0814	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1995/01/03 03:17:58.7000	7.42	-34.8	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1994/10/29 17:52:43.0000	-1	-23	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1994/05/18 02:25:59.3000	-0.006	-16.538	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1994/05/17 23:10:16.0400	-0.2206	-16.4814	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1994/02/03 11:44:07.8100	4.6914	-32.5477	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1993/10/14 18:31:37.7700	-0.3617	-12.6779	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1993/09/21 09:38:30.2900	0.4873	-16.4312	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1993/04/14 16:07:33.4000	7.533	-36.223	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1992/09/11 11:22:36.0000	-11.3675	-13.3847	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1992/08/31 16:39:18.8200	-0.6457	-12.574	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1992/06/20 05:22:02.0000	1.5	-28	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1992/06/20 05:21:38.7000	0.142	-28.356	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1991/07/07 03:08:16.0000	-11.6	-13.7	0	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1990/05/21 23:32:48.5800	-5.3982	-14.9373	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1989/07/05 14:31:09.0000	-1.3	-14.8	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1986/05/22 15:53:41.0000	-3.8	-27.4	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1982/08/29 02:48:15.0000	0	-18	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1982/08/03 06:49:15.0000	0	-18	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1982/05/23 16:04:47.0000	4	-33	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1981/01/10 07:51:56.9100	7.9658	-39.8781	10	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1980/07/03 22:51:13.0000	4	-33	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1979/06/28 07:20:37.0000	1	-26	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1970/11/02 09:40:05.0000	0	-32.7	33	mb	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/08/25 18:08:54.1800	0.4828	-29.0303	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/08/15 00:59:38.8600	1.59	-30.608	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/08/11 09:16:56.8400	-6.855	-12.3713	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/07/17 16:37:24.1000	0.5785	-25.2478	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/07/07 09:06:11.2000	8.0354	-38.1	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/06/07 15:43:53.0800	10.7944	-41.0718	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/06/04 18:04:42.9300	-1.4506	-16.1492	12	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/05/05 06:14:57.3800	8.1402	-38.1686	16	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/04/09 03:30:04.4600	-11.6081	-14.0245	7	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/03/26 14:23:04.5000	-7.1863	-12.6839	19	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/03/16 13:21:47.8300	12.0352	-46.2474	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/03/08 20:23:30.4200	0.2679	-17.1015	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/02/27 04:08:23.4600	4.2805	-32.5144	11	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/02/27 03:13:21.7700	4.602	-32.567	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/02/21 02:03:36.6800	-1.2286	-15.9782	20	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/02/21 00:10:07.6300	0.836	-27.174	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/12/27 00:00:36.5800	-1.2576	-12.4284	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/12/15 05:09:54.5200	-1.2098	-15.0811	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/11/07 03:08:17.5600	-6.325	-11.264	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/10/28 04:09:49.9700	13.2455	-44.7539	15	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/10/15 14:17:19.8800	-1.0713	-13.0824	11	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/10/13 02:17:52.4600	4.435	-32.518	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/10/13 02:17:52.6400	4.4447	-32.5245	11	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/08/02 05:34:45.2000	7.071	-34.097	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/06/11 04:50:50.8900	5.6095	-32.7313	12	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/05/18 10:21:42.0300	-3.8819	-12.0883	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/02/09 17:34:12.9400	-10.1478	-13.0119	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/01/13 03:37:01.1100	10.6497	-41.9051	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/12/17 22:26:59.0300	6.3058	-33.4604	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/09/20 06:58:03.1000	0.9434	-27.7618	12	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/08/30 10:07:02.9600	2.9143	-31.2406	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/08/21 16:55:05.1000	-6.981	-12.4372	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/08/21 16:55:04.3300	-6.9102	-12.283	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/03/05 22:13:52.7800	-8.029	-13.532	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/02/26 14:49:37.9400	-11.7872	-12.9654	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/11/15 03:07:02.6600	3.074	-31.336	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/10/21 21:12:31.1400	-10.3806	-13.1422	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/10/21 21:12:29.0200	-10.3989	-13.1133	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/09/21 09:13:55.4100	-14.029	-14.0109	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/09/21 09:13:53.5000	-14.0328	-13.9976	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/09/19 21:23:42.4000	-7.0348	-13.0893	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/09/19 21:23:40.2000	-7.0564	-13.1035	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/08/23 03:09:04.8400	0.6599	-25.3269	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/08/23 03:09:02.6800	0.5101	-25.2588	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/08/02 17:58:27.1900	12.6835	-44.9494	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/06/07 21:19:06.7300	10.8852	-42.6116	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/05/27 14:49:11.6500	7.382	-34.999	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/05/22 12:42:57.6700	7.4892	-35.8447	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/04/16 19:19:37.8300	0.2949	-16.4865	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/04/16 19:19:35.9200	0.3285	-16.4683	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/03/21 13:21:52.8500	-1.587	-24.296	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/02/23 01:47:58.7500	-1.3161	-15.7422	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/12/28 12:59:37.8700	0.7347	-28.1	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/12/28 12:59:36.1600	0.7514	-28.1401	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/11/18 23:22:10.1400	-3.384	-11.024	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/11/18 23:22:06.9100	-3.4415	-10.7734	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/11/16 13:41:08.3700	1.171	-13.534	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/10/22 11:44:19.6400	-3.6272	-11.8083	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/10/22 11:44:17.6300	-3.6087	-11.8013	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/08/20 23:03:55.2900	7.8415	-38.9687	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/08/20 23:03:53.3700	7.849	-38.9811	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/08/17 12:37:07.8000	-3.6135	-11.3074	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/08/11 07:03:39.3000	-6.01	-13.894	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/07/06 19:10:19.4900	8.7787	-40.1056	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/07/06 19:10:17.5400	8.8051	-40.1076	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/06/10 07:01:38.3700	9.5174	-41.323	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/06/10 07:01:36.2500	9.5084	-41.2884	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/04/21 16:11:30.8000	0.339	-30.847	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/04/21 01:03:10.6000	10.67	-41.169	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/03/25 14:24:55.2700	-0.935	-24.273	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/03/07 00:01:25.8200	-0.34	-18.66	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/01/11 08:29:26.5700	0.6926	-25.3933	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/12/03 00:15:02.2100	-0.9633	-13.27	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/11/18 15:00:28.1300	0.7467	-29.0373	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/11/18 15:00:26.0100	0.7729	-29.0796	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/10/18 23:32:56.6300	-1.089	-24.405	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/09/07 14:06:44.4600	-1.2414	-23.569	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/09/07 14:06:41.2500	-1.3317	-24.4071	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/08/29 06:57:35.6300	10.7932	-43.4712	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/08/29 06:57:33.4000	10.7944	-43.4983	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/08/01 12:01:41.7500	-6.9166	-12.8139	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/07/23 20:08:04.8100	7.33	-36.227	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/07/14 07:51:21.5700	0.2201	-16.9325	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/07/14 07:51:19.4400	0.2706	-16.9729	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/07/06 16:24:01.9600	7.1963	-34.2108	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/07/06 16:23:59.7200	7.1932	-34.1959	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/06/27 17:46:53.9100	0.802	-27.885	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/06/25 13:57:44.7000	4.7179	-32.8844	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/05/29 09:34:55.5200	-1.0027	-13.4192	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/05/04 06:43:43.9700	7.1521	-34.0241	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/05/04 06:43:41.7300	7.1183	-34.0107	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/05/02 02:49:44.6000	-11.223	-13.203	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/05/02 02:49:43.0300	-11.109	-13.2617	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/05/01 22:41:49.4400	-11.4461	-13.1295	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/04/10 06:26:08.3700	7.2431	-37.071	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/03/31 13:38:51.5000	3.5734	-31.4162	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/03/31 13:38:49.4900	3.5119	-31.4082	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/03/31 13:38:49.2600	3.5365	-31.373	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/02/22 23:31:33.5000	1.985	-12.624	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/02/17 13:53:38.0000	2.107	-12.512	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/02/12 23:14:46.9000	6.935	-33.93	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/12/31 19:08:43.7500	10.8064	-42.5941	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/11/08 02:00:38.8900	7.3937	-35.866	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/07/12 14:51:47.1900	8.2614	-39.4564	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/07/12 03:27:09.8800	7.264	-34.47	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/06/22 20:27:58.5000	10.6712	-42.3451	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/04/12 15:57:49.3500	-10.69	-13.223	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/04/12 13:55:50.6400	-10.628	-13.0755	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/03/07 18:15:48.2600	-5.6268	-11.4259	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/03/07 17:19:35.8300	-5.795	-11.352	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/03/07 17:19:34.1700	-5.7158	-11.3535	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/02/21 17:54:01.6800	8.862	-40.329	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/12/16 09:01:33.8900	-0.4995	-20.0932	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/12/12 11:20:28.8600	-1.724	-15.594	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/11/03 05:08:50.1000	1.5789	-30.7549	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/08/11 08:57:53.0600	-0.0269	-17.4686	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/06/07 20:47:20.3200	-3.968	-13.3566	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/06/03 08:34:39.6800	-1.8615	-12.6954	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/06/02 20:50:09.6200	4.5793	-32.7293	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/05/12 23:23:52.1100	-1.3316	-15.3173	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2003/11/14 04:15:23.0000	-0.259	-19.4293	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2003/07/27 23:25:20.7400	3.079	-31.226	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2003/07/15 03:22:22.0600	3.3534	-31.444	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2003/05/29 11:24:37.4800	-0.6276	-12.8246	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2002/12/26 01:40:26.9500	6.528	-33.636	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2002/11/26 15:30:13.5900	3.6896	-31.9819	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2002/11/25 11:41:59.3300	0.5658	-25.4127	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2002/08/18 04:53:13.9000	-0.3949	-9.1754	10	Mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2002/08/18 04:53:13.0500	-0.553	-8.953	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2002/08/18 04:53:12.9100	-0.549	-8.933	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2002/02/24 22:04:53.3700	-7.587	-13.334	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2002/01/22 19:29:49.1100	-5.5065	-11.444	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/12/02 16:50:18.1500	-4.333	-12.186	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/10/06 02:54:47.1400	14.9531	-45.1141	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/08/28 17:27:07.4800	-11.2047	-13.574	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/08/28 17:27:05.3000	-11.746	-13.206	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/08/19 18:06:47.1200	-1.082	-14.353	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/08/19 07:36:16.0800	8.647	-39.5399	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/05/09 08:20:57.2300	-2.1365	-12.1767	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/04/14 16:55:16.6200	-1.5841	-13.0629	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/04/08 10:04:32.6100	9.515	-40.538	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/04/01 15:28:57.1000	4.3044	-32.5569	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/02/06 21:35:18.1500	-13.9516	-14.3595	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/01/30 16:56:48.6500	-0.688	-20.039	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/10/21 15:04:36.2400	-7.3575	-13.4764	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/10/14 22:42:51.0000	-1	-26	0	Mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/07/20 16:51:41.4000	-1.5115	-12.9431	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/07/20 16:18:40.6200	-1.505	-13.132	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/07/20 15:23:16.2800	-1.604	-12.941	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/06/29 02:00:02.0400	7.6221	-36.6448	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/06/17 07:54:58.7400	-1.427	-24.256	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/06/12 22:44:27.4100	-5.039	-12.337	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/06/08 01:54:06.9600	0.099	-16.753	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/05/20 09:43:59.0000	0	-34	0	Mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/05/17 10:22:48.0700	-0.16	-18.256	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/04/10 13:09:19.0000	-3	-18	0	Mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/04/07 03:15:59.2600	-1.436	-13.586	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/03/14 13:34:57.4400	10.6488	-41.0024	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/03/05 10:38:13.0000	-7	-11	0	Mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/02/25 21:34:36.4500	8.777	-39.77	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/02/25 02:03:52.7300	9.535	-38.688	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2000/02/03 04:28:17.1000	-0.6078	-19.3624	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/12/22 01:58:07.6600	12.023	-44.019	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/12/20 01:57:09.7400	7.429	-35.232	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/12/04 03:02:09.5700	0.66	-25.146	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/12/03 04:41:41.6600	0.777	-27.708	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/10/02 07:31:37.2500	-0.691	-20.396	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/08/06 12:24:52.2900	-1.2454	-16.0265	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/08/05 10:37:40.0000	6	-34	0	Mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/06/27 11:40:43.4600	3.456	-31.229	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/05/23 21:09:46.6300	8.603	-39.268	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/05/02 08:11:09.8000	9	-40	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/04/23 21:05:50.4600	-14.114	-13.785	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/04/17 00:29:43.1200	8.547	-39.631	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/03/12 02:13:26.9300	1.91	-32.162	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/02/22 01:20:41.2000	-0.0783	-16.7746	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/02/05 04:23:11.0000	-6.8556	-11.6444	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/02/04 19:43:18.7000	1	-31	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/01/19 15:12:47.8700	-1.629	-12.822	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/01/12 16:38:47.7000	8.0239	-38.648	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/01/12 16:38:47.0100	8.112	-38.632	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/01/12 16:38:47.6000	8.092	-38.621	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/12/16 00:22:03.4000	-2.3922	-12.2989	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/12/14 21:58:53.5000	13.5485	-44.7496	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/10/22 09:36:14.3000	-5.4	-11.56	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/10/09 08:57:02.1100	13.7225	-45.718	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/08/31 01:44:56.6000	-2.4762	-11.7578	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/07/11 08:18:33.9000	0.266	-16.881	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/07/09 07:13:34.8000	-6.5654	-11.2363	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/07/06 07:49:57.0000	1.068	-25.463	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/05/07 02:18:32.8000	-1.7455	-12.9579	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/05/04 18:10:43.0000	0	-18	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/05/02 19:18:03.8000	0.8713	-29.2294	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/05/01 11:49:05.5000	0.1906	-16.869	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/04/25 17:36:40.0000	5	-13	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/04/13 08:40:52.0000	3	-13	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/03/03 09:28:29.0000	-6.3727	-13.2699	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/02/24 05:31:41.0000	-0.7606	-20.8963	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/02/20 03:01:03.9000	9.386	-39.071	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/02/20 02:25:17.2000	8.685	-39.314	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/01/26 14:32:25.0000	-13	-12	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/01/24 17:58:20.1000	-1.3887	-12.9924	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/01/24 17:58:19.7900	-1.288	-12.9609	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/01/06 09:47:04.9000	7.9449	-37.9988	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1998/01/02 11:46:57.8000	0.8395	-28.8222	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/12/30 01:27:43.9000	7.385	-34.58	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/12/11 07:02:47.6000	-0.857	-24.454	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/11/22 22:40:59.1000	0.8779	-25.9967	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/11/13 16:57:29.8000	11.2816	-43.6602	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/11/13 16:15:47.4000	11.1272	-43.5396	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/11/13 16:09:13.0000	11.4534	-43.9595	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/11/13 16:01:20.0300	11.1226	-43.5623	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/11/06 13:59:26.1000	-0.1108	-16.7102	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/11/04 21:00:20.3400	-0.3029	-16.7173	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/11/04 01:00:47.0100	0.1564	-16.5405	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/10/19 17:43:45.1000	-7.4832	-13.9304	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/10/19 17:43:45.2900	-7.4106	-13.8739	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/10/19 07:30:01.3000	7.5715	-37.2729	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/09/26 00:14:14.4500	0.1348	-16.736	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/09/22 07:34:35.0000	0.0183	-16.7552	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/08/29 02:32:52.5000	2.136	-29.077	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/08/26 15:10:47.0000	-7.224	-21.875	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/08/26 15:10:46.8900	-7.2265	-21.8261	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/07/30 13:06:35.2000	5.542	-32.988	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/07/28 08:48:16.5700	-0.9963	-24.4496	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/07/28 08:45:53.5000	7.507	-36.357	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/07/04 14:41:04.1400	0.9518	-27.929	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/06/16 23:08:57.0000	-1.064	-24.467	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1997/05/13 17:11:36.6000	0.133	-16.779	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/05/12 22:29:24.5600	0.2037	-16.5166	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/05/11 23:02:04.9000	0.021	-16.696	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/05/01 19:28:32.9000	-0.035	-16.829	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/05/01 04:56:33.0000	-1	-19	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/04/21 02:15:15.4400	0.28	-16.5622	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/04/21 02:15:14.8000	0.154	-16.637	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/04/16 17:50:22.2600	9.0713	-40.4242	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/03/10 14:41:35.9100	-1.7157	-12.4334	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/02/21 10:02:52.4000	0.61	-25.33	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/02/21 10:02:52.6000	0.7619	-25.2722	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/02/16 17:31:43.1000	-1.321	-12.795	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/02/15 14:07:20.8000	0.46	-16.7	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/01/21 14:21:00.0000	0.86	-27.86	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/01/17 21:14:25.0000	1	-27	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/01/15 07:36:36.1200	-1.5361	-24.0834	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1997/01/15 07:36:35.8000	-1.543	-24.072	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/12/24 06:40:57.1800	-1.2081	-13.3778	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/12/17 23:18:33.8700	0.8728	-29.6791	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/12/15 20:49:10.9600	0.813	-29.5999	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/12/15 15:41:00.9000	3.71	-32.13	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/12/13 05:54:52.9000	8.27	-39.658	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/12/10 19:43:37.4000	1.129	-29.13	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/11/29 08:46:06.3000	-3.333	-12.04	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/11/29 08:46:05.8000	-3.49	-12.28	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/11/23 00:22:47.9000	0.7	-25.02	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/11/10 20:13:05.6400	-0.0128	-16.5196	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/10/07 06:59:55.9000	13.42	-45.01	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/09/15 03:01:30.0000	6.35	-33.7	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/08/30 07:48:03.2500	0.0411	-17.7693	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/08/05 08:20:21.1000	14.588	-45.1	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/08/05 08:20:21.1000	14.5782	-45.0716	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/06/29 23:45:27.1000	-0.28	-16.9	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/06/25 08:56:56.3000	-1.5953	-15.4528	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/06/25 08:56:55.9000	-1.623	-15.458	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/06/20 20:41:36.3000	1.248	-26.576	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/06/20 20:41:36.0700	1.1395	-26.5347	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/06/08 16:00:05.0000	-13	-15	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/04/22 17:52:54.8000	-2.19	-12.59	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/03/05 21:09:12.0000	-12	-13	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/02/11 06:05:29.4000	10.83	-42.57	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/01/29 10:27:09.7000	-0.86	-15.99	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1996/01/27 01:27:53.2300	-0.6265	-13.9981	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/01/13 16:44:54.6000	0.387	-16.465	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/12/18 22:43:48.8000	-3.14	-12.61	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/11/24 08:25:32.7000	7.54	-36.32	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/11/24 08:25:32.1000	7.528	-36.183	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/10/31 11:01:49.0000	-3.33	-12.08	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/10/15 21:06:36.3000	7.1	-34.16	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/10/15 02:55:19.2000	7.19	-34.32	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/09/08 17:49:57.7900	1.1952	-28.4637	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/08/14 10:16:13.7000	0.896	-27.324	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/08/01 06:57:19.7400	0.1376	-17.2556	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/07/14 02:01:13.2000	4.09	-32.404	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/07/14 01:46:28.2000	4.22	-32.62	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/06/27 07:28:11.8000	-1.232	-24.041	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/06/27 07:28:10.9600	-1.5513	-23.7445	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/06/16 07:44:03.0100	10.938	-43.7433	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/06/07 11:43:24.0000	0	-14	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/06/06 13:17:35.2000	-1.17	-14.45	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/06/04 10:15:25.4000	-1.137	-22.025	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/05/20 21:09:09.4000	-0.44	-22.249	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/04/23 08:23:26.7000	7.25	-34.72	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/03/27 11:19:35.2900	-7.6472	-13.3686	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/03/04 18:20:55.3000	-6.77	-13.33	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/03/04 18:20:53.4400	-6.8335	-13.4084	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/02/01 06:39:40.3000	-0.6	-16.12	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1995/01/06 07:32:22.5300	13.8245	-43.5161	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1994/11/16 21:35:13.0000	-7	-16	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1994/05/17 23:10:15.9000	-0.19	-16.542	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1994/02/24 04:35:54.0300	13.4649	-44.7788	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1994/02/01 17:33:20.0000	1	-35	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1993/11/26 03:58:14.0400	0.5898	-28.5413	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1993/10/14 18:31:37.4000	-0.384	-12.691	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1993/09/30 03:30:27.0000	10.6	-35.9	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1993/09/23 14:33:28.0000	-2	-14.4	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1993/09/04 04:34:57.0000	-2	-14.4	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1993/05/29 22:43:56.6000	0.319	-16.677	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1992/12/27 02:13:26.0000	0.1	-17.9	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1992/12/27 02:13:10.0000	-0.163	-19.729	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1992/12/27 02:13:10.6100	-0.1096	-19.703	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1992/12/15 15:54:16.2100	-1.1772	-13.4545	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1992/12/11 02:35:59.9300	-1.5756	-20.3351	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1992/10/05 01:51:45.0000	13.4	-44.9	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1992/07/20 06:13:44.0000	1	-27.5	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1992/07/11 08:40:23.0000	-9	-18.3	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1992/04/16 17:59:53.0000	5.4	-34.9	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1991/06/05 00:00:04.0000	13.9	-39.7	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1991/01/19 02:32:31.0000	-3.5	-13.3	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1991/01/19 02:32:31.6200	-3.2545	-12.1694	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1990/12/09 00:19:01.0000	0.3	-24.4	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1990/05/21 23:32:59.0000	-4.3	-16.5	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1990/05/21 23:32:35.0000	-7.9	-15.4	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1990/03/27 10:51:24.6700	-1.187	-23.6709	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1989/03/31 07:43:11.0000	-5.5	-12.2	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1988/05/13 14:28:46.0000	8.5	-31.2	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1988/03/05 14:09:04.8300	-10.7398	-13.0763	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1987/06/23 00:31:57.0000	-1.4	-26.9	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1987/06/13 07:36:47.0000	-1.3	-14.9	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1987/05/08 11:26:58.6000	7.052	-34.936	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1986/07/19 21:19:22.0000	-7.6	-13.9	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1986/06/27 00:06:54.7400	-5.4463	-11.4577	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1985/09/22 12:07:11.0000	0.6	-20.6	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1985/06/23 21:16:01.9400	9.5159	-40.5916	10	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1984/05/13 04:05:00.0000	7	-47.4	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1983/09/30 07:33:43.4400	-7.404	-14.0619	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1983/07/07 11:20:29.0000	2.5	-14.6	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1981/12/20 16:56:47.0000	4	-33	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1981/08/17 00:15:13.0000	1	-26	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1981/08/09 14:41:55.2800	-0.7329	-21.7064	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1981/06/30 19:21:10.0000	4	-33	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1980/07/04 02:25:33.0000	4	-33	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1980/07/03 22:00:16.0000	4	-33	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1979/12/30 10:17:00.0100	8.9527	-39.7834	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1979/06/28 07:20:30.6700	0.082	-24.8275	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1978/04/29 07:29:44.0000	1	-26	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1976/09/05 18:06:21.1500	-6.6249	-11.4244	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1975/06/25 01:04:56.0000	12.91	-44.726	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1975/01/14 08:17:29.6000	10.859	-41.127	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1974/04/02 10:33:48.2800	3.0123	-31.0775	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1973/11/22 16:27:01.8200	0.3376	-29.0786	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1973/11/22 16:27:00.1000	0.02	-29.208	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1973/01/14 08:41:08.5000	14.714	-45.187	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1972/03/27 08:52:04.1900	0.7734	-28.6804	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1972/03/17 08:45:43.6000	8.0204	-37.804	0	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1970/12/06 17:43:25.0000	-7.8	-13.2	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1970/12/06 17:35:20.1000	-8	-13.4	33	mb	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/08/25 18:08:57.3500	0.5655	-28.8692	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/08/13 05:48:40.7100	8.69	-39.299	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/08/13 05:48:40.7000	8.69	-39.299	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/07/09 23:47:29.1600	-7.5743	-13.4691	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/07/09 23:47:09.7600	-7.881	-13.55	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/07/09 22:58:23.2000	-8.019	-13.303	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/06/02 12:30:24.8900	-11.5556	-13.1619	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/04/25 07:19:22.3200	-0.5574	-19.9027	19	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/04/12 00:02:42.5800	5.5396	-32.7014	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/04/12 00:02:41.0400	5.5807	-32.6597	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/04/09 03:30:04.9200	-11.608	-14.031	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/03/26 11:15:37.3300	-14.0204	-14.5513	14	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/03/19 10:52:27.9200	-10.3142	-13.0801	14	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/03/19 10:52:26.2400	-10.3105	-13.0274	14	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/03/19 03:08:20.0800	-10.0615	-13.0728	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/02/19 01:54:15.3200	10.738	-41.301	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/01/15 04:01:26.7200	7.678	-38.521	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/12/27 00:48:36.5400	-2.494	-11.975	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/11/26 21:04:56.8000	11.121	-44.033	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/10/29 18:03:03.9900	-12.444	-14.647	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/10/27 12:34:49.5200	-0.8551	-13.0559	13	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/10/22 02:08:39.3500	8.8055	-40.4606	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/09/09 06:26:24.2600	-14.08	-13.799	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/06/22 10:59:57.8900	-11.5038	-13.2338	13	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/06/11 11:17:26.8200	4.0795	-32.4799	19	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/06/11 04:50:52.5000	5.5805	-32.7952	12	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/05/26 18:50:15.0500	5.432	-32.973	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/01/19 14:53:25.3400	0.6136	-28.8549	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/01/18 17:52:20.9600	0.4272	-29.2092	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/11/30 02:54:46.4600	-2.3828	-11.7506	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/11/25 14:12:12.0900	-11.318	-13.905	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/10/13 13:47:04.7500	-6.7298	-11.9099	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/09/20 06:58:04.2400	0.8755	-27.7348	12	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/08/11 16:28:09.8400	-5.1579	-11.4193	18	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/07/20 23:06:15.8200	-11.294	-14.567	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/06/17 06:45:11.6800	0.4503	-25.3877	12	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/05/30 07:52:09.7800	-0.1288	-16.3261	13	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/04/27 22:47:55.8000	8.235	-37.839	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/03/24 11:56:29.6200	14.543	-44.98	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/03/24 11:56:29.9400	14.5456	-45.0071	12	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/03/22 05:38:36.3400	-12.8479	-14.5427	16	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/02/26 14:49:36.3300	-11.7446	-12.8794	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/01/29 05:45:18.7300	0.0681	-18.5437	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/01/22 20:15:58.5300	-5.4974	-11.4721	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/12/20 02:53:58.3900	10.356	-43.07	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/12/16 17:26:27.9000	-11.636	-13.3484	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/11/01 05:57:57.1100	12.7117	-44.3636	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/11/01 05:57:55.0600	12.7083	-44.3642	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/10/17 02:50:38.2400	-6.705	-11.018	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/10/10 03:51:04.7800	8.646	-39.769	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/08/23 03:09:04.6900	0.664	-25.357	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/08/09 08:29:30.0900	-0.8136	-20.4091	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/08/09 08:29:28.1900	-0.7787	-20.4072	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/08/02 17:58:28.8200	12.665	-44.934	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/05/24 19:06:25.0300	0.652	-25.418	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/05/24 13:21:28.4700	-0.257	-18.7628	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/05/22 14:34:46.4700	7.339	-35.724	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/05/16 09:46:20.7400	-1.26	-23.709	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/02/26 14:14:31.1900	-10.254	-13.3769	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/02/23 01:54:06.9000	-1.415	-15.757	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/01/06 21:23:18.2000	-0.818	-12.818	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/12/26 22:34:54.7400	-4.88	-11.7984	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/12/26 22:34:52.7500	-4.869	-11.8187	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/11/28 23:25:19.6100	-1.131	-13.075	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/11/21 01:15:20.5100	13.332	-44.7819	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/11/21 01:15:18.4500	13.3381	-44.8001	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/11/21 00:37:54.9000	13.363	-44.8592	6	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/11/14 15:31:49.6200	-1.147	-12.6426	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/11/14 15:31:47.9400	-1.0666	-12.5452	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/10/01 03:31:08.0300	-0.741	-24.494	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/08/20 23:03:54.9700	7.85	-38.958	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/08/13 16:34:33.5900	-0.032	-17.847	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/08/12 08:01:25.8900	-5.5	-11.5078	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/08/11 07:03:47.4600	-5.443	-11.548	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/08/11 06:33:04.3000	-4.31	-11.43	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/07/04 18:18:12.7700	0.8935	-28.7056	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/06/28 00:12:53.4000	0.7616	-28.3478	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/06/28 00:12:49.9500	0.7851	-28.375	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/06/10 07:01:49.4000	9.573	-39.466	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/04/20 03:18:50.1000	-7.487	-13.79	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/04/15 23:52:10.5200	-0.787	-21.132	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/04/14 08:49:32.6100	8.075	-38.85	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/04/10 00:35:21.2200	-11.4707	-14.259	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/04/10 00:35:19.3300	-11.4073	-14.2315	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/02/08 13:00:13.1200	9.2046	-39.5298	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/02/08 12:05:19.6400	8.7388	-39.274	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/10/31 06:42:41.5000	-0.9941	-24.5514	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/10/31 06:42:39.5100	-1.012	-24.5556	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/09/30 18:53:06.4300	7.444	-34.6146	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/09/30 18:53:04.0700	7.4009	-34.5882	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/09/17 18:18:41.6800	5.575	-32.748	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/07/27 17:36:15.8900	0.8244	-27.1235	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/06/26 20:57:24.0000	-3.247	-12.149	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/06/10 04:05:58.2900	8.174	-38.143	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/06/06 01:39:15.0900	13.471	-44.8241	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/05/24 17:58:07.0100	3.8986	-32.1009	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/05/02 05:01:17.6500	-11.453	-13.045	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/03/28 01:43:32.9000	7.545	-36.288	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/02/20 19:26:49.8700	-10.3286	-13.2458	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/01/29 05:57:06.6700	13.3133	-44.8649	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/01/16 00:43:11.1000	-0.301	-17.775	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/12/29 12:35:32.1100	0.785	-27.429	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/11/05 01:08:54.5800	0.729	-29.278	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/10/27 19:14:24.5800	-1.0816	-23.9872	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/09/30 11:24:23.3200	2.8372	-31.1705	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/08/15 07:40:30.6700	-1.4555	-13.903	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/08/03 20:27:25.8400	-11.587	-13.243	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/07/29 07:53:15.6300	0.728	-27.645	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/06/27 18:53:20.2400	7.312	-34.947	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/06/17 16:29:19.1000	-7.983	-13.975	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/04/13 06:42:32.7100	0.8432	-29.094	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/04/09 17:11:15.4800	0.9314	-27.8196	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2004/10/20 13:17:53.9200	0.8438	-28.8361	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2004/07/10 16:52:18.5100	-12.362	-14.882	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2004/07/06 15:09:39.6300	-11.745	-13.6636	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2004/06/02 20:33:03.6100	4.8384	-32.596	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2004/03/30 18:44:04.4700	4.5925	-32.6104	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/12/31 04:56:43.2500	-7.368	-13.22	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/12/25 15:45:26.1400	-0.39	-19.742	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/11/09 23:26:32.8100	-0.399	-19.782	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/11/09 19:52:31.4600	-0.5749	-19.8176	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/11/09 02:59:42.2800	8.362	-38.524	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/08/30 00:39:08.0200	10.8315	-41.2936	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/08/06 19:55:35.8600	7.6378	-36.7144	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/07/21 13:23:31.4700	5.081	-32.599	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/07/15 03:22:20.8600	3.0873	-31.2928	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/06/07 12:20:05.1300	5.4926	-30.8875	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/05/26 10:39:39.6900	0.7529	-28.9237	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/05/23 04:11:57.6500	7.732	-36.141	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/04/06 08:39:16.0700	0.42	-24.96	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/12/21 14:12:35.7300	-10.789	-13.1251	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2002/11/26 15:30:13.7400	3.8703	-31.9979	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/08/28 19:07:23.5800	10.731	-40.839	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/07/11 12:05:26.8800	-1.677	-13.029	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/06/18 14:45:49.2000	-4.976	-11.452	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/04/28 01:20:49.8100	2.933	-31.124	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/04/17 15:53:09.8800	-0.713	-20.576	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/04/10 06:39:10.8500	4.331	-32.608	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/04/06 00:40:48.3100	-12.512	-14.578	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/03/14 21:15:10.9400	3.412	-30.938	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/03/05 15:19:02.2000	-10.4293	-13.2315	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/12/02 16:50:17.6600	-4.399	-12.174	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/11/30 20:59:21.3400	-4.3004	-12.2195	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/11/30 20:59:21.1000	-4.235	-12.213	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/11/16 04:02:42.7000	-1.541	-13.022	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/11/16 04:02:42.7000	-1.486	-12.961	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/11/15 02:28:03.7200	-1.324	-15.368	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/08/28 17:27:04.9500	-11.739	-13.248	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/08/19 08:32:35.9000	8.685	-39.359	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/07/27 09:20:05.8200	-7.152	-12.892	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/07/08 04:38:45.7400	-2.38	-12.219	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/06/12 14:26:49.9700	14.597	-45.075	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/06/12 14:18:44.2800	14.658	-45.065	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/05/31 21:46:23.0400	8.245	-39.658	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/05/09 08:21:01.3000	-1.023	-12.806	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/05/03 05:50:39.4500	8.1272	-38.0587	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/05/01 19:14:46.2600	7.4537	-36.1235	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/04/14 16:55:17.2300	-1.404	-13.076	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/10/27 09:10:06.6900	-1.2785	-24.3275	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/10/18 21:54:56.9700	-1.0154	-23.5552	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/07/26 05:37:42.8200	0.793	-26.076	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/07/20 16:55:18.0700	-1.502	-13.061	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/07/11 22:17:29.3900	-12.483	-14.844	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/06/16 23:05:42.0000	-7	-13	0	Mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/06/11 00:31:11.0000	-2	-13	0	Mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/06/04 18:18:31.5300	-0.433	-16.646	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/06/03 10:15:16.4300	0.4883	-25.0054	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/05/31 07:51:52.6600	7.4612	-34.7526	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/05/24 15:39:48.7700	13.3074	-44.8888	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/05/18 09:50:26.2600	-10.4803	-13.153	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/05/17 08:09:24.5000	-1.27	-24.042	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/05/11 11:05:48.6100	-4.66	-10.762	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/05/01 03:08:58.8000	0.489	-25.171	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/02/25 21:17:04.6000	8.89	-39.943	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2000/02/09 18:28:58.0000	0	-18	0	Mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/02/09 18:28:53.3900	-0.0676	-16.5526	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/02/06 05:44:04.2300	0.935	-30.207	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/01/28 16:56:17.9400	1.986	-30.668	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2000/01/22 08:38:07.1900	3.019	-31.14	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1999/12/22 01:58:07.4100	12.036	-44.018	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1999/12/04 03:02:09.9000	0.688	-25.133	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1999/08/29 04:49:17.0000	13	-47	0	Mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1999/06/26 10:31:32.9000	3.887	-32	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1999/05/21 16:25:24.6700	-2.499	-12.22	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1999/04/17 00:29:42.4700	8.506	-39.6	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1999/04/14 15:50:41.5500	-4.7853	-12.4269	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1999/03/03 03:58:10.9000	3.8701	-31.6222	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1999/03/02 14:44:01.7500	3.776	-31.526	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/12/16 00:22:02.8900	-2.4121	-12.243	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/11/21 14:09:41.2000	6.864	-33.887	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/09/25 20:02:58.9800	-3.2707	-12.2948	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/09/05 03:24:06.7000	0.792	-28.252	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/07/16 22:03:32.8000	-10.448	-12.442	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/07/09 07:13:34.1300	-6.6257	-10.9508	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/07/09 01:30:47.5000	-6.226	-11.308	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/05/14 06:30:41.4400	8.1754	-39.2258	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/04/25 17:36:00.7300	0.126	-16.6386	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/01/26 15:46:08.4000	-10.4705	-13.166	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/01/26 14:32:31.1400	-10.5455	-13.0534	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/01/06 09:47:04.8100	7.9207	-37.9329	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1998/01/03 03:48:05.7000	7.437	-36.125	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/12/23 19:55:38.8000	-0.247	-18.475	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/12/08 06:26:19.8600	3.486	-31.4556	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/11/22 22:40:58.9000	0.755	-25.91	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/11/18 21:06:48.6000	7.743	-37.4051	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/11/13 16:57:39.0000	12	-43	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/11/13 16:13:36.3000	11.1817	-43.767	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/11/13 16:09:12.7900	11.4217	-43.9034	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/11/09 19:06:23.9000	-3.31	-11.722	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/11/06 13:59:25.9900	0.0768	-16.652	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/09/21 16:37:42.0000	0.2126	-17.0785	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/09/05 07:00:46.5000	-0.0328	-17.6201	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/09/05 07:00:46.2700	-0.1103	-17.4329	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/09/01 05:18:46.8000	0.0796	-16.7807	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/08/26 08:27:12.2000	-7.256	-21.844	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/05/20 07:18:31.3000	0.835	-28.079	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/05/15 15:50:09.1000	-0.869	-24.449	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1997/05/01 15:41:37.4000	3.1	-31.058	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/04/20 13:20:32.6700	0.0628	-16.6224	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/04/17 12:47:24.1000	0.132	-16.61	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/03/05 10:38:25.2000	-3.609	-12.141	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/02/21 10:02:52.4000	0.654	-25.322	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/02/10 05:29:00.0600	-1.257	-15.8037	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/02/10 05:28:59.1000	-1.325	-15.767	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/01/28 23:08:09.2600	10.8974	-43.3571	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1997/01/03 17:54:26.4800	-1.8373	-12.7692	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/12/15 20:49:11.2000	0.9	-29.553	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/12/15 15:40:59.0000	1	-26	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/12/15 14:12:10.5000	0.87	-29.69	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/12/14 09:50:42.4000	12.68	-44.73	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/12/10 14:32:24.2000	0.76	-29.25	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/12/10 11:04:54.7900	0.7877	-29.4995	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/11/30 11:27:24.0000	0.932	-28.247	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/11/19 01:49:46.8700	-5.5188	-11.6013	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/10/07 06:59:56.0800	13.35	-45.0142	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/08/30 07:48:03.2000	0.09	-17.761	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/08/25 12:52:00.4000	1.07	-25.84	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/08/14 02:39:02.0000	-0.792	-12.805	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/07/31 05:48:23.9000	3.79	-31.61	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/07/15 05:29:00.4000	-3.52	-11.94	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/07/15 05:28:59.6000	-3.58	-11.873	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/06/29 23:45:27.2900	-0.1788	-16.8504	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/06/29 23:45:26.8000	-0.185	-16.628	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/06/08 16:37:03.3000	-12.98	-14.69	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/06/08 16:01:53.9000	-12.93	-14.72	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/05/31 08:56:39.0400	-14.1986	-14.3633	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/04/26 18:20:29.9000	-4.13	-11.57	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/04/18 15:01:49.3000	-13.94	-13.99	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/04/18 15:01:48.9000	-13.866	-13.989	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/04/05 04:30:54.7000	8.25	-38.564	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/02/26 05:43:24.0100	-11.2528	-13.4297	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/02/11 06:05:29.3300	10.9168	-42.5505	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1996/01/29 12:00:56.6000	0.94	-28.73	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/12/30 18:21:24.3400	7.4398	-34.7152	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/12/26 20:43:19.5100	-1.9285	-12.5722	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/12/14 13:27:06.7400	13.8618	-45.4335	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/11/26 17:31:03.2000	-11.62	-13.24	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/11/25 09:34:41.7000	0.799	-27.736	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/11/25 09:34:41.8000	0.75	-27.74	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/11/24 08:25:32.4300	7.5643	-36.1831	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1995/11/06 04:21:07.3000	0.82	-27.71	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/09/08 17:49:57.6000	1.211	-28.487	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/09/02 05:06:44.2200	-2.3928	-12.1867	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/06/05 05:48:53.7000	1.768	-30.364	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/05/04 11:43:04.9000	-10.44	-12.9	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/04/03 15:36:37.3000	0.94	-28.08	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/03/27 11:19:37.4000	-7.63	-13.39	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/03/11 21:18:14.4000	-1.09	-13.05	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/02/12 04:40:42.4100	-0.1084	-16.577	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/02/08 12:15:53.6000	-0.02	-16.69	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/02/02 13:38:40.0900	5.7503	-32.6997	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/01/20 22:47:58.2000	-0.6	-19.81	41	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1995/01/10 02:09:08.1400	-7.1432	-13.4528	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1994/10/06 05:44:07.3800	-1.3347	-14.9805	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1994/08/28 12:09:38.0000	9	-42	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1994/08/01 04:17:44.0000	12	-45	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1994/04/22 19:42:04.7900	0.7621	-16.5346	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1994/02/27 17:17:44.0000	0	-10	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/12/27 03:41:30.6100	-0.1816	-16.4122	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/10/24 10:41:37.0000	0.378	-16.112	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/10/24 10:41:35.5600	0.3459	-16.5724	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/09/27 01:32:57.0000	0.6	-15.7	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/09/11 14:28:14.9300	-3.8473	-12.1617	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/06/18 14:25:58.0000	0.3	-16.4	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/05/19 03:46:48.6400	-0.7016	-20.5121	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/04/14 16:07:33.6900	7.5351	-36.1883	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/02/08 22:42:00.1000	-1.1253	-15.8434	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/02/08 22:41:59.9000	-1.143	-15.843	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1993/02/08 16:19:15.2100	7.864	-36.7396	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1992/12/19 12:01:35.0500	7.7321	-36.1203	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1992/10/30 00:33:16.0000	-0.242	-15.724	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1992/05/24 00:18:37.0000	-6.5	-13.6	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1992/04/07 07:41:17.1800	7.5828	-37.2057	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1992/02/19 07:09:06.4800	-0.2581	-23.5002	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1992/02/19 07:09:03.0000	-1.9	-23.7	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1991/12/06 20:28:47.7900	-7.3797	-13.7375	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1991/08/29 17:00:00.0000	-5.3	-15.9	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1991/07/18 05:54:41.0000	3	-21.7	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1991/02/09 02:58:56.7400	1.3372	-29.8611	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1990/11/14 07:45:05.0000	7.4	-32.9	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1990/08/26 21:51:15.0000	9	-42.5	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1990/05/25 18:37:56.0000	2.4	-14.6	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1989/09/10 10:36:42.4900	-0.0358	-18.1661	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1989/09/10 10:36:41.4000	-0.006	-18.287	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1989/08/07 19:12:28.0000	-3.4	-13.9	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1989/07/25 09:03:58.6100	0.3359	-25.1385	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1989/04/13 14:38:35.0000	3.7	-32	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1989/03/31 07:43:31.1100	-1.2564	-12.7377	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1988/08/22 20:52:48.9700	-8.1478	-13.6478	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1987/08/24 08:19:44.9000	-11.527	-13.405	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1987/03/07 20:31:27.0700	12.9113	-44.8723	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1986/11/02 12:18:39.3000	-11.418	-13.302	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1986/11/02 12:18:39.6200	-11.419	-13.2939	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1986/07/19 01:23:14.2400	0.6046	-29.8093	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1986/06/19 11:40:17.0000	5.3	-31.2	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1986/04/29 02:45:54.0000	-3.6	-16.3	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1985/07/27 20:24:48.0000	-11	-15.7	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1985/06/11 06:55:12.0000	3.7	-15.5	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1984/11/05 23:05:24.9000	1.357	-26.481	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1984/11/04 02:47:15.9000	-13.963	-13.893	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1984/09/03 03:20:32.0000	8.8	-30.5	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1982/05/24 01:46:22.3100	-7.0228	-12.5112	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1982/01/29 22:44:52.0000	-8.6373	-11.5224	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1981/10/23 06:35:27.0000	0	-18	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1981/06/12 08:08:17.0000	-7	-13	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1981/02/16 05:20:05.0000	-7	-13	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1981/01/10 07:51:59.3000	8.331	-40.116	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1980/09/20 22:31:44.2700	-3.2369	-11.7309	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1979/11/22 14:03:35.8900	-11.7886	-15.0505	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1979/11/07 09:11:00.3700	-12.4297	-14.7491	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1979/09/09 06:43:08.7600	-0.3377	-15.9434	83	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1979/07/15 15:06:56.0000	0	-18	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1979/07/09 20:03:42.5800	-4.8544	-11.6656	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1979/07/09 20:03:41.5000	-4.836	-11.828	10	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1979/06/28 14:23:50.0000	1	-26	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1979/06/28 11:34:16.0000	1	-26	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1979/06/28 07:30:37.0000	1	-26	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1977/05/22 06:52:26.6500	9.5781	-40.5764	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1976/08/12 00:36:02.0000	-10.413	-13.274	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1975/03/14 03:34:20.6100	5.3751	-33.6074	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1974/09/19 19:59:30.4400	-12.1991	-12.0052	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1974/07/25 08:26:03.2000	3.873	-31.8835	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1974/05/14 18:13:13.8900	-13.7819	-13.6937	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1974/04/02 10:33:48.7000	3.099	-31.065	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1973/12/02 00:27:59.7600	-10.4908	-13.2861	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1973/11/29 09:32:28.7500	4.709	-32.1259	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1973/08/22 05:57:59.6600	0.6468	-25.1573	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1973/05/25 22:08:02.9300	0.9466	-28.6161	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1973/05/21 02:48:47.3900	10.0708	-40.5354	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1973/04/04 01:31:56.3700	-7.0091	-12.4234	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1973/01/01 21:41:18.4800	13.8759	-45.3728	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1972/09/30 02:37:36.5600	-0.5319	-25.4362	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1972/08/14 12:01:40.6900	0.9407	-29.495	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1972/07/26 03:01:29.2400	12.1139	-43.823	0	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1972/03/27 08:52:04.0000	0.739	-28.711	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1971/06/15 01:40:47.9700	7.5183	-34.7144	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1970/12/30 01:46:26.7000	10.49	-41.82	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1970/12/06 17:35:20.3000	-7.92	-13.41	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1970/10/04 02:04:34.0000	10.16	-38.59	15	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1970/07/04 00:59:05.5000	-3.2	-12.1	33	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1970/07/04 00:59:05.0000	-3.26	-12	32	mb	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/08/25 21:58:00.9400	0.821	-27.236	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/08/11 09:16:59.0300	-6.9651	-12.4885	19	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/08/11 01:36:45.6300	-6.9476	-12.4878	19	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/07/07 20:59:03.2900	8.0752	-38.0012	16	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/05/05 06:14:56.4700	8.156	-38.17	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/03/27 03:19:19.2000	10.265	-40.901	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/03/19 03:08:21.5500	-10.1577	-13.0243	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/02/21 02:03:35.1400	-1.206	-15.936	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/12/27 00:48:34.9600	-2.5905	-12.0211	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/12/09 17:22:54.6500	-0.5952	-16.0198	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/12/09 17:22:53.3600	-0.5443	-15.9522	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/12/04 17:39:17.4000	-1.0163	-15.6467	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/11/18 12:17:43.8100	13.039	-44.82	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/10/29 18:02:35.7800	-12.502	-14.786	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/10/15 03:44:49.6800	-13.81	-14.461	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/09/13 02:48:05.7300	0.808	-29.0654	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/02/28 11:41:34.0600	-6.743	-11.5605	11	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/02/07 03:13:58.0500	-12.144	-14.464	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2009/12/09 16:00:42.1300	-0.6881	-21.0494	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2009/09/30 22:35:22.9500	14.547	-45.022	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2009/07/13 05:47:19.1900	-0.058	-24.847	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2009/06/07 00:01:06.4100	-5.4887	-11.4147	13	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2009/05/30 07:52:09.9000	-0.131	-16.271	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2009/03/16 17:33:39.5600	-0.0244	-17.3005	12	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2009/02/28 21:18:18.5700	3.831	-32.528	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2008/09/19 21:23:42.2000	-7.031	-13.119	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2008/07/02 00:08:31.6000	12.4507	-44.1735	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2008/05/24 18:06:20.7300	4.354	-32.593	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/04/13 23:29:50.2400	13.4185	-44.9302	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2008/03/25 00:42:49.8800	-1.232	-14.52	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2008/03/23 21:32:27.2100	-1.148	-14.459	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2008/02/14 02:52:17.0000	-0.8581	-13.2342	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2008/01/22 03:30:48.5500	3.725	-31.621	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2007/11/27 07:51:05.5600	-4.6058	-12.2125	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2007/08/17 16:27:41.1200	-3.5291	-12.1078	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2007/08/17 16:27:39.0100	-3.5081	-12.1153	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2007/07/04 18:18:13.9500	0.889	-28.673	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2007/05/06 17:44:43.6000	-7.527	-13.171	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2007/05/05 05:38:31.6100	-0.084	-17.969	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2007/03/25 13:29:34.2900	-1.0281	-24.0545	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/11/26 08:58:43.8100	7.687	-37.71	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/11/23 18:55:28.6600	14.0083	-47.2214	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/11/23 18:55:26.6500	14.0284	-47.2217	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/11/05 10:05:26.6100	-0.9214	-23.6362	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/10/03 20:45:26.2800	-0.764	-15.943	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/08/10 21:01:44.6800	13.4203	-45.1698	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/07/13 00:05:56.1300	7.3825	-34.9314	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/05/04 06:43:43.5400	7.128	-34.041	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/03/20 03:16:50.6500	1.0625	-28.1704	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/02/09 15:40:40.9500	5.3716	-32.8065	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/12/31 19:55:26.5000	10.636	-42.597	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/09/22 06:42:32.9800	0.6129	-25.8255	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/09/04 12:09:33.6700	3.68	-32.171	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/09/01 07:40:20.2800	5.81	-33.103	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/06/22 20:28:00.4200	10.652	-42.393	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/05/08 10:07:29.4600	-10.98	-13.649	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/05/07 09:02:21.7200	5.8126	-32.9956	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/04/29 03:50:21.7800	-0.913	-16.152	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/04/22 07:32:41.9500	8.168	-39.553	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/04/13 06:42:32.3400	0.7993	-29.0894	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/04/09 17:11:17.1600	0.888	-27.826	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/03/07 18:15:49.9700	-5.699	-11.417	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/01/22 12:41:16.9700	-0.807	-20.6661	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/12/16 11:16:06.2000	-0.2553	-16.0604	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/12/07 07:34:46.3200	-0.102	-17.255	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/08/24 04:39:36.1300	12.6623	-44.3701	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/08/18 17:57:24.3900	-1.875	-12.843	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/06/03 08:34:41.6900	-1.986	-12.769	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/05/27 22:35:24.5600	10.7725	-40.9988	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/05/23 00:02:39.0900	0.767	-29.176	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/03/14 00:20:23.4200	-0.9259	-24.4315	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/03/12 18:37:04.1500	5.671	-32.72	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/02/13 09:31:12.1900	7.252	-34.717	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/02/07 23:48:53.7400	13.5234	-44.7723	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/10/12 19:21:50.2400	-0.955	-18.347	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/08/14 02:11:02.8000	8.8075	-40.2077	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/07/08 08:51:27.7500	-7.0273	-21.8986	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/06/07 12:20:04.3400	5.373	-30.838	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/06/05 04:01:35.1000	10.551	-40.814	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/05/31 04:19:19.8500	-0.9686	-15.9584	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/03/02 09:16:12.5600	4.021	-32.841	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/11/25 11:41:59.8200	0.6464	-25.2854	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/11/15 00:14:29.3500	0.271	-16.103	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/10/11 18:37:06.7000	-12.34	-14.821	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/08/28 19:07:23.3900	10.717	-40.846	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/06/26 16:01:10.4400	-4.5941	-12.4411	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/06/06 06:25:45.7300	-0.768	-23.093	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/04/28 01:21:49.0700	2.709	-31.356	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/04/28 01:20:49.6700	2.919	-31.15	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/04/17 15:53:09.8400	-0.71	-20.588	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/03/14 21:03:19.6500	3.3955	-31.3868	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/03/10 18:00:24.9100	-11.422	-13.502	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/11/21 21:07:08.3000	1.127	-30.483	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/11/16 04:02:42.5400	-1.503	-12.996	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/10/07 17:12:01.1800	-1.388	-16.027	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/06/27 09:53:15.9700	14.618	-45.071	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/06/12 14:29:01.8200	14.6092	-44.596	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/05/29 17:26:34.6600	3.948	-31.534	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/04/14 16:55:16.8500	-1.432	-13.078	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/04/05 08:11:19.7500	-0.253	-19.23	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/03/31 19:43:23.7200	-10.563	-13.1189	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/02/04 09:17:41.6800	10.8308	-42.4338	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/11/09 15:27:03.2700	12.723	-44.8355	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/10/30 01:03:24.0000	-1	-26	0	Mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/10/29 06:05:28.2500	0.7897	-28.1337	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/10/27 04:41:13.2000	1.1469	-30.3362	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/10/24 13:15:04.6900	7.6589	-36.6176	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/10/21 15:04:36.7000	-7.262	-13.475	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/09/23 02:13:31.7500	4.3166	-32.5177	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/07/30 01:14:23.2300	7.159	-34.044	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/07/20 16:51:40.9000	-1.583	-12.848	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/07/20 16:51:18.0000	-6	-13	0	Mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/07/20 16:37:24.2600	-1.551	-12.986	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/07/08 02:19:52.6800	0.076	-16.334	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2000/06/03 10:15:23.0000	1	-26	0	Mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/06/03 10:15:16.4700	0.577	-24.891	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/05/17 08:09:24.1500	-1.315	-24.065	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/04/29 15:20:07.1200	-1.1958	-15.8305	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/04/29 15:17:10.3200	-1.2729	-15.9055	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/04/21 02:57:11.3400	0.02	-24.824	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/04/10 13:09:32.9900	0.339	-17.403	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/03/05 10:37:29.9400	-12.497	-14.95	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/02/17 03:13:59.1500	10.824	-41.394	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/02/03 04:28:59.0000	4	-14	0	Mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/01/28 16:56:17.6700	1.96	-30.679	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/01/20 15:45:23.4700	0.267	-18.097	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2000/01/20 12:47:19.0100	1.23	-30.443	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1999/12/30 17:02:25.1600	7.464	-36.043	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1999/08/05 10:37:43.0400	8.202	-38.477	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1999/07/10 01:06:02.2100	-0.184	-16.368	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1999/07/05 18:45:37.0000	-1	-16	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1999/06/26 10:31:21.0000	1	-32	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1999/05/23 21:09:46.4700	8.611	-39.279	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1999/03/12 02:13:26.7900	1.909	-32.199	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1999/02/17 05:25:30.0200	0.217	-16.335	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1999/01/15 17:42:08.1000	0.2068	-17.4603	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1999/01/15 17:42:08.2900	0.208	-17.506	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/12/19 01:15:19.6000	-0.8933	-13.6659	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/12/14 21:58:53.2200	13.5219	-44.7711	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/12/13 20:07:53.5000	13.3501	-44.9465	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/11/20 20:14:39.6800	12.7063	-44.4169	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/10/22 09:59:26.8000	-5.4574	-11.5868	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/10/14 04:36:21.7200	14.6737	-45.1247	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/10/09 08:57:01.9000	13.656	-45.779	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/08/31 01:44:33.0000	-7	-13	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/07/10 08:20:37.3000	-1.3585	-15.9224	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/05/14 06:30:41.1000	8.185	-39.244	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/05/07 02:06:54.1000	-1.94	-12.856	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/05/01 11:49:04.7200	0.1247	-16.6625	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/04/03 17:52:50.4600	-6.8017	-11.6529	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/03/03 09:28:28.6000	-6.313	-13.199	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/02/24 05:31:58.0000	0	-18	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1998/01/26 14:32:31.1000	-10.563	-13.042	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/12/15 17:33:44.1500	-0.0329	-16.5577	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/12/11 14:01:20.0000	-1	-22	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/10/27 07:46:04.1000	-0.0521	-16.972	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/10/27 07:40:45.9000	0.293	-16.813	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1997/10/02 14:43:05.2000	-0.566	-19.605	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/09/05 07:00:46.3000	-0.095	-17.496	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/08/26 15:10:46.6000	-7.247	-21.842	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/08/26 08:27:11.9500	-7.2413	-21.7684	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/08/12 23:58:46.4000	0.778	-27.926	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/06/14 13:22:38.9000	0.921	-25.418	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/05/13 17:11:36.6000	0.018	-16.712	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/05/12 22:29:23.2000	0.145	-16.708	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/05/08 09:28:38.9000	0.119	-16.679	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/04/27 02:56:02.2000	0.023	-16.641	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/04/26 01:03:33.5000	-0.019	-16.66	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/04/23 21:47:25.9900	0.9977	-29.6409	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/04/16 17:50:22.1000	9.08	-40.457	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/04/16 12:45:09.6000	4.209	-32.52	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/03/05 08:19:43.6000	-3.776	-11.927	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/02/24 04:17:02.3000	10.85	-43.53	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/02/22 02:57:22.7000	0.666	-25.927	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/02/16 17:31:42.9300	-1.3841	-12.7563	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/02/15 14:07:20.5600	0.5403	-16.6787	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/02/04 20:54:14.2000	-12.526	-14.649	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/01/21 14:21:00.8000	0.9002	-27.6824	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/01/17 21:14:16.1000	0.86	-27.64	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1997/01/17 21:13:28.1000	0.947	-27.652	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/11/28 21:26:10.0000	-1	-22	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/11/09 15:38:46.6300	7.0127	-34.9121	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/10/07 06:07:02.1000	0.82	-28.39	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/08/30 11:41:59.0000	0.84	-28.92	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/08/14 02:39:03.2000	-0.6607	-12.7103	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/08/05 08:43:00.6500	14.3303	-44.4933	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/07/15 06:01:12.2000	-3.49	-12.15	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/07/15 05:29:00.4900	-3.5199	-11.9321	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/07/15 05:01:45.3000	-3.6	-12.23	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/06/23 18:23:04.4300	-2.371	-13.2838	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/06/21 23:34:34.1000	0.76	-28.21	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/05/31 08:15:35.1000	-6.56	-11.54	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/05/07 08:38:14.2000	7.88	-38.98	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/05/07 08:38:13.5000	7.996	-38.984	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/05/07 08:38:13.8800	7.9528	-39.0573	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/04/29 22:31:15.8000	8.13	-39.18	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/04/15 20:03:50.2000	-0.12	-18.31	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/02/25 14:19:30.5000	8.94	-40.37	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/02/22 06:00:14.0000	-7	-13	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/02/11 06:05:29.1000	10.92	-42.558	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/02/08 22:11:30.0000	-1	-27	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/01/29 12:00:56.3000	0.872	-28.714	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1996/01/29 12:00:56.9000	0.9858	-28.7032	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/12/26 20:43:18.9000	-2.018	-12.546	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/12/18 22:43:48.3000	-3.162	-12.544	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/12/18 22:43:48.5600	-3.1237	-12.5697	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/12/14 13:27:06.3000	13.797	-45.462	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/11/26 17:33:24.1000	-11.35	-13.52	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/10/15 02:55:19.6100	7.1218	-34.0985	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/09/02 05:06:42.2000	-2.435	-12.228	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/07/06 08:07:05.0000	-1.44	-24.053	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/06/26 21:26:50.1000	7.35	-34.55	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/06/05 05:48:54.7300	1.7593	-30.5072	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/04/26 00:26:15.6000	-1.25	-23.69	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/04/26 00:26:15.5000	-1.1052	-23.6051	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/04/14 08:57:58.4000	0.05	-16.9	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/04/03 12:50:44.5000	0.9	-26.35	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/02/28 05:04:48.2000	7.45	-36.04	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/02/12 04:40:43.0000	-0.15	-17.09	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/02/02 13:38:39.6000	5.706	-32.705	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/02/01 06:39:40.0500	-0.1142	-15.9523	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1995/01/10 02:09:10.1000	-6.99	-13.55	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1994/10/29 17:52:37.7600	-1.3754	-23.4515	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1994/08/28 12:35:51.3200	8.5953	-39.854	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1994/07/14 05:00:58.1200	-12.1503	-14.9031	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1994/05/24 10:27:52.0000	0	-14	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1994/05/18 02:26:00.4200	0.1987	-16.6761	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1994/05/17 23:51:44.7700	-0.1528	-16.4353	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1994/05/17 15:49:29.0000	0	-14	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1994/04/05 19:04:14.0000	0	-14	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1994/02/01 17:33:48.0000	5.4	-32	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/11/19 18:06:46.0000	2	-18	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/10/28 15:01:37.8200	0.1233	-16.6563	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/10/10 21:37:18.4700	0.4942	-16.5182	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/10/07 08:23:24.7800	0.3617	-16.8036	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/09/27 01:32:42.0000	-0.1	-18.4	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/09/23 14:33:17.8000	0.5739	-16.3104	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/09/19 17:33:46.8000	-11.266	-13.758	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/09/19 14:08:59.9300	-12.2043	-13.686	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/06/30 01:36:18.0000	-0.1	-20.2	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/05/29 22:43:52.6800	0.0061	-16.7574	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/05/19 03:46:48.8000	-0.66	-20.526	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/05/02 15:12:13.0000	2.9	-27.5	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1993/03/06 02:37:48.0000	-1.4	-26.8	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/03/03 13:06:22.0000	6.9	-31.2	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1993/02/08 16:19:14.9000	7.825	-36.779	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1992/12/25 00:45:17.0000	0.7	-29.6	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1992/12/10 04:40:12.2100	1.0658	-27.6488	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1992/08/25 18:02:48.0000	4.9	-33.6	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1992/03/15 16:35:27.6000	-7.874	-13.317	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1991/12/24 13:54:47.5400	7.0432	-33.019	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1991/09/03 13:28:02.0000	-10.1	-8.8	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1991/08/29 16:34:06.0000	-4	-16.9	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1991/03/13 08:02:14.0000	12.9	-42.2	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1990/12/09 00:18:42.6900	0.9463	-26.6799	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1990/11/13 20:13:00.0000	-3.8	-21.6	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1990/09/21 12:59:09.0000	8.075	-37.816	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1990/09/08 09:51:54.0000	-14.9	-10.8	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1990/08/05 13:10:31.0000	1	-12	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1990/07/30 10:04:42.0000	-6.9	-10.4	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1990/06/07 23:40:36.0000	-0.9	-21.6	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1989/04/08 00:09:04.5000	12.976	-44.78	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1989/01/29 00:20:36.2000	12.843	-44.802	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1988/12/27 13:05:58.0000	1.6	-29.3	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1988/11/21 14:02:14.0000	8.8	-36.4	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1988/11/21 05:31:24.0000	2.3	-12.9	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1988/10/05 13:51:47.0000	15	-43.2	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1988/09/30 03:00:48.0000	-1	-10.7	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1988/08/22 20:52:55.0000	-6.9	-15.7	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1988/05/13 14:28:18.4400	5.5878	-32.7367	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1988/04/05 07:17:48.0000	-7	-11.4	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1988/03/08 21:09:43.8400	2.0976	-28.6421	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1987/07/21 07:53:25.0000	4.5	-30.9	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1987/04/20 21:09:57.0000	-0.4	-16.8	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1987/01/12 09:23:30.0000	2.7	-31.9	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1986/12/13 17:00:21.0000	0.3	-29.5	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1986/11/05 06:30:20.0000	2.3	-14.2	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1986/07/17 06:53:23.0000	-3.5	-27.7	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1986/07/10 09:50:58.6900	4.0953	-32.6731	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1986/06/27 00:06:55.1000	-5.446	-11.382	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1986/06/22 05:49:41.0000	10	-35.7	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1986/05/16 11:29:43.7000	-14.276	-14.404	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1986/02/10 15:08:35.0000	10.3	-34.7	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1986/02/10 15:08:09.5000	7.783	-36.405	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1986/02/10 15:07:52.0000	1.8	-30.6	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1985/07/21 06:55:37.1000	0.145	-13.861	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1985/07/18 21:19:14.0000	-0.1	-20.9	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1985/06/26 14:11:07.0000	2.2	-13.9	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1985/06/23 21:16:00.6000	9.622	-41.006	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1985/05/28 11:26:11.0000	-2.9	-23.6	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1984/12/16 11:25:58.0000	9	-31.8	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1984/09/03 03:20:09.5500	7.0945	-33.8421	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1984/06/21 06:53:30.0000	0.8	-31.6	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1983/08/21 02:42:51.7700	-0.3831	-29.1672	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1983/06/11 04:47:06.9000	-11.015	-13.822	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1983/06/11 04:47:06.3400	-11.058	-13.5963	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1983/06/08 05:46:04.2700	7.541	-37.9158	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1982/12/03 05:49:59.0000	-6.8	-12.6	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1982/08/30 08:39:32.0000	0	-18	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1981/07/24 12:23:09.0000	0	-18	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1981/06/01 13:49:37.3100	0.7431	-25.3785	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1981/05/18 12:14:48.2100	7.5257	-37.3313	3	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1981/05/18 04:16:01.4500	-14.1776	-13.8084	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1981/04/27 05:11:14.0000	4	-14.1	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1981/03/05 22:44:51.0000	12	-45	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1981/02/16 05:19:34.8500	-11.0387	-13.4036	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1980/09/18 02:36:06.9600	0.429	-29.3165	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1980/07/31 16:06:03.4000	7.609	-35.999	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1980/07/31 16:06:03.4900	7.608	-35.9974	10	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1980/05/16 02:20:43.1900	0.7767	-25.3278	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1979/12/18 02:35:06.7400	-5.8365	-12.1868	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1979/05/24 02:23:15.6900	7.7449	-33.8556	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1978/08/28 09:38:04.0000	0	-18	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1978/08/20 21:21:16.0000	4	-33	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1978/05/15 07:27:24.0000	1	-26	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1978/04/07 23:06:26.7200	5.4733	-30.5462	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1977/06/18 04:40:10.8600	-14.1773	-14.1925	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1976/10/07 07:32:15.2000	-7.278	-12.999	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1976/09/01 09:04:49.8400	-6.6899	-11.2431	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1975/06/17 02:17:07.8000	8.2091	-38.9377	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1975/06/06 02:20:15.3900	1.2746	-29.0073	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1975/02/13 18:12:36.4900	6.6086	-37.3565	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1975/01/14 08:17:30.0800	10.8999	-41.1629	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1974/12/10 16:03:13.3700	-13.8699	-14.6672	42	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1974/11/16 06:54:12.3300	-4.2557	-12.2193	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1974/10/25 04:39:40.4000	-0.907	-16.066	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1974/10/24 17:01:53.5200	-4.5964	-12.0551	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1974/07/07 00:35:20.0000	14.952	-45.086	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1974/04/22 14:32:11.7900	9.6601	-41.4194	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1974/03/27 14:37:48.1600	-1.3289	-18.4093	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/12/02 00:27:59.7000	-10.511	-13.18	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/10/22 04:48:12.4000	5.013	-32.621	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/10/22 04:48:12.5700	5.0415	-32.6042	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/10/20 19:56:08.7600	5.2804	-32.5393	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/10/20 17:23:11.6400	4.9638	-32.4021	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/10/14 04:13:18.8600	5.3711	-32.7152	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/09/16 00:01:39.6100	2.9788	-31.1792	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/08/06 08:36:39.9600	0.1471	-20.7695	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/07/19 18:05:37.5200	8.0358	-37.9518	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/03/04 14:15:20.4700	3.7858	-25.2991	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/01/01 21:41:17.1000	13.743	-45.266	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1973/01/01 21:35:58.6000	13.897	-44.876	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1972/09/23 23:21:18.3800	0.4898	-29.8839	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1972/06/26 17:27:27.6000	4.6109	-32.5504	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1972/06/26 12:08:59.7000	3.6239	-33.0351	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1972/04/18 12:24:52.4900	-0.2213	-24.8335	0	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1972/01/31 22:16:56.6000	0.718	-27.016	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1971/07/11 12:51:31.4000	7.8439	-37.7202	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1971/05/23 12:42:52.1500	1.0935	-28.4653	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1971/05/12 00:20:31.8300	4.8109	-32.6812	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1970/12/30 01:46:26.2000	10.5	-41.9	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1970/12/06 17:43:21.4000	-8	-13.5	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1970/11/30 17:17:26.4000	-11.8	-14.5	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1970/10/09 20:48:21.3000	8.5	-38.7	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1970/10/09 20:48:21.6000	8.52	-38.67	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	1970/01/22 02:05:29.4000	11	-41.4	33	mb	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/09/13 03:52:11.3100	-7.622	-13.415	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/08/11 08:19:40.7600	-6.4865	-12.7043	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/08/11 01:36:46.5100	-6.9955	-12.5576	19	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/07/09 23:36:31.4800	-7.686	-13.308	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/07/09 23:17:57.7600	-7.9006	-13.6309	17	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/07/07 20:59:05.3400	8.0687	-38.024	16	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/06/17 12:46:10.8200	-0.1535	-15.9427	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/06/08 01:18:54.1300	-11.4544	-13.1894	13	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/06/07 15:43:54.7600	10.786	-41.071	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/05/15 13:08:13.7800	0.4681	-25.5287	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/05/05 06:14:56.7000	8.1857	-38.178	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/04/13 20:57:36.5500	0.8183	-26.7472	17	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/04/13 20:57:34.9000	0.8467	-26.7444	17	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/03/19 18:30:26.9100	-10.241	-13.1522	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/03/19 03:08:21.7900	-10.117	-13.057	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/02/26 22:19:39.9900	7.7316	-38.7788	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/02/15 09:21:35.9200	-13.9578	-14.3901	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/12/27 00:48:36.5600	-2.5375	-11.9883	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/10/22 02:08:39.6700	8.7078	-40.3743	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/09/09 06:26:23.9500	-14.149	-13.706	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/07/31 10:51:46.6500	-0.908	-16.038	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/06/11 11:17:28.6600	4.1211	-32.5365	19	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/06/11 04:50:52.1800	5.576	-32.784	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/04/20 08:08:19.5000	-0.161	-18.129	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/03/26 09:37:02.1000	0.351	-17.089	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/02/28 11:41:36.1300	-6.7285	-11.5269	11	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/12/31 23:39:48.5400	-12.324	-14.904	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/12/17 22:26:59.0700	6.296	-33.47	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/12/03 12:09:37.3500	-1.325	-15.869	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/09/30 22:35:22.5000	14.11	-45.471	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/08/30 10:07:02.9400	2.885	-31.225	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/08/11 16:28:10.1000	-5.218	-11.419	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/08/09 07:31:10.0200	3.8034	-32.2413	18	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/07/18 17:06:33.8800	0.941	-29.2976	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/07/17 23:41:05.8300	7.366	-36.165	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/07/08 20:03:49.4900	7.4466	-36.2843	24	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/06/24 11:12:20.1800	0.2462	-16.9055	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/05/13 22:23:44.5800	-5.5654	-11.4243	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/04/19 20:29:16.9800	3.633	-32.209	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/04/14 01:48:37.7000	-0.935	-18.422	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/03/22 12:56:19.8100	-12.5148	-14.7754	18	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/03/22 05:38:38.2000	-12.8608	-14.607	16	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/03/16 17:33:41.2100	0.016	-17.3421	12	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/02/28 21:18:33.4000	5.605	-32.006	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/01/22 20:15:58.4200	-5.5124	-11.4162	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/01/02 20:14:29.5700	0.7729	-27.0241	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2008/12/30 14:57:13.7500	14.8607	-45.09	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2008/09/01 15:59:36.4800	9.066	-40.535	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2008/08/21 13:19:59.4800	-0.681	-22.194	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2008/08/19 01:26:23.2800	-8.035	-13.368	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2008/08/09 08:29:29.4100	-0.848	-20.526	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2008/03/01 17:05:45.4800	1.012	-40.471	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/12/20 08:54:06.6200	4.482	-32.622	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/11/04 18:56:07.1700	-13.711	-15.3	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/10/31 21:17:09.0000	1.49	-46.43	601	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/09/07 23:01:50.9400	-14.633	-13.766	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/08/23 11:24:57.2100	8.643	-39.4	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/08/17 16:27:40.9000	-3.549	-12.104	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/08/17 16:26:40.6300	-3.0047	-11.5716	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/08/17 16:26:37.3900	-3.1215	-11.62	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/08/16 01:20:29.6100	-12.3904	-14.7945	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/08/14 20:01:06.9500	-7.8444	-13.4139	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/08/14 20:01:04.6800	-7.8106	-13.5218	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/07/06 19:10:19.1200	8.749	-40.115	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/06/10 07:01:38.2900	9.428	-41.2	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/05/06 17:44:41.0800	-7.5932	-13.4881	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/05/06 17:44:39.0200	-7.5604	-13.4688	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/04/26 01:06:48.2800	-11.328	-13.0244	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/04/26 01:06:45.4500	-11.2937	-13.0376	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/03/24 13:38:21.1200	-5.7015	-11.5346	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/03/24 13:38:15.8000	-6.298	-12.501	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/02/08 14:32:12.0700	8.1056	-39.5926	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/01/26 21:00:44.2600	9.116	-40.4404	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/11/18 15:00:27.6000	0.743	-29.048	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/11/08 23:16:00.1700	0.8773	-28.239	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/07/27 17:36:23.0000	0.96	-25.991	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/07/02 07:18:23.8400	-13.2666	-21.189	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/06/22 01:15:48.5300	4.5434	-32.5051	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/06/22 01:15:46.2000	4.5078	-32.4727	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/06/22 01:12:02.1900	4.347	-32.348	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/06/22 01:12:00.5000	4.351	-33.393	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/06/06 01:39:14.7000	13.459	-44.834	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/05/02 01:13:58.4300	-11.389	-12.997	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/04/09 11:06:05.1500	-13.6901	-14.4943	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/04/09 11:06:03.0500	-13.6594	-14.5267	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/03/09 17:46:55.0200	1.1699	-28.1543	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/03/07 21:17:47.4700	0.663	-26.008	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/02/22 23:32:57.2000	-0.36	-14.214	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/02/18 14:59:05.3400	-6.4941	-11.048	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/02/18 14:59:03.0200	-6.491	-11.0898	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/02/17 13:53:10.7600	-1.3202	-14.1174	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/02/17 13:53:07.7700	-1.3901	-14.2358	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2005/11/08 02:00:39.5900	7.405	-35.913	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2005/06/26 09:22:53.2800	2.937	-31.242	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2005/06/26 08:49:51.8000	2.981	-31.276	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2005/05/28 21:49:10.1400	-11.673	-14.094	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2005/01/27 23:31:01.8600	-4.5682	-10.3655	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/12/27 09:18:10.7600	7.8028	-36.5801	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/12/16 09:01:36.8000	-0.397	-20.352	10	MB	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/12/16 09:01:35.0400	-0.635	-20.071	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/11/10 15:14:16.1000	-0.425	-19.924	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/10/16 01:35:54.5500	-0.029	-17.43	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/09/28 13:39:48.9300	-12.7663	-14.6698	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/09/24 12:39:25.4800	0.845	-28.846	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/08/29 23:30:04.4100	6.992	-33.744	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/06/30 03:42:58.8100	-0.685	-14.128	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/06/07 20:47:14.8800	-5.8242	-12.6166	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/06/07 20:40:14.6400	-6.2777	-11.4037	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/06/07 20:32:15.2300	-6.2337	-11.4607	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/06/02 23:12:32.8900	4.793	-32.706	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/04/04 09:57:16.0500	7.584	-37.06	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/04/04 09:57:16.0000	7.584	-37.06	10	MB	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/03/28 02:24:58.0400	-1.332	-15.2908	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/03/25 15:52:29.1000	8.849	-40.226	10	MB	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/03/25 15:52:29.1100	8.849	-40.226	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/02/03 19:28:15.8800	7.362	-35.814	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/10/02 15:20:00.4700	-1.238	-14.966	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/09/21 07:10:15.9900	-12.8095	-14.6833	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/08/30 00:39:07.8500	10.7195	-41.2737	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/08/29 23:36:54.3000	10.748	-41.204	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/08/14 02:11:02.6100	8.802	-40.223	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/07/18 02:16:10.3800	7.67	-36.904	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/07/15 05:50:40.8600	3.225	-31.476	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/07/13 03:19:50.7900	10.838	-41.073	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/07/06 10:02:29.0900	9.345	-40.715	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/06/15 04:11:06.2800	4.1178	-31.7825	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/06/06 07:04:57.7900	-0.6869	-16.1022	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/05/30 11:17:41.1100	4.23	-32.229	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/05/29 11:24:37.1100	-0.8176	-12.8861	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/05/27 07:07:24.2200	8.1096	-39.1367	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/05/26 02:51:41.3100	-1.0869	-14.0707	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/02/25 19:44:49.9400	0.561	-16.512	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2002/10/02 20:22:58.5200	9.986	-40.766	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2002/08/01 15:58:10.0000	0.595	-30.089	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2002/06/26 16:01:10.4400	-4.614	-12.385	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2002/06/25 23:55:58.4700	-4.929	-12.08	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2002/06/15 02:42:11.5800	4.26	-32.458	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2002/04/10 06:39:10.6500	4.295	-32.626	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2002/04/06 00:40:48.0600	-12.513	-14.593	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/12/01 17:56:17.8300	-4.396	-12.006	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/12/01 15:54:15.1500	-4.341	-12.279	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/11/21 21:07:07.1300	1.148	-30.29	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/11/15 02:28:03.9100	-1.368	-15.441	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/10/13 19:29:55.1600	-2.6	-12.243	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/10/07 17:12:00.4900	-1.432	-16.071	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/09/09 04:19:16.9400	-14.23	-14.341	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/07/16 09:07:08.8000	-14.165	-14.27	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/07/16 09:07:08.8000	-14.16	-14.27	10	MB	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/05/10 01:54:07.2300	7.666	-37.189	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/03/08 00:54:57.6100	-6.328	-13.165	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/02/18 05:11:20.3400	2.414	-30.946	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/10/29 06:05:47.0000	2	-25	0	Mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/10/27 04:41:13.1100	1.025	-30.308	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/10/26 09:24:45.0300	-13.2	-14.469	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/10/15 16:05:19.5900	-0.248	-16.095	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/10/14 22:43:02.4800	0.782	-24.887	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/08/26 02:42:30.8100	3.94	-32.665	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/08/17 22:06:16.2900	0.179	-16.719	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/07/20 16:55:18.1100	-1.486	-13.056	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/07/20 15:23:16.2800	-1.649	-12.795	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/06/17 07:54:58.6900	-1.392	-24.244	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/06/16 17:59:02.5800	-7.9697	-13.4024	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/06/14 21:16:38.4600	-4.9445	-12.3087	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/05/22 04:24:35.0000	0	-26	0	Mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/05/17 10:22:47.4200	-0.231	-18.278	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/05/11 11:05:48.5800	-4.666	-10.779	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/04/05 07:10:18.5700	-6.845	-11.991	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/04/01 09:10:51.1500	-7.534	-13.44	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/02/17 03:13:58.7300	10.76	-41.417	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/02/06 05:44:03.3200	0.726	-30.242	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2000/02/03 04:28:16.2600	-0.553	-19.386	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/08/28 05:26:25.6000	8.154	-38.144	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/08/28 05:26:25.9100	8.18	-38.131	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/08/06 12:24:52.6600	-1.218	-15.932	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/07/29 03:55:28.5200	-1.273	-14.491	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/05/27 01:34:56.7000	6.2556	-33.2311	33	Mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/05/27 01:34:52.2200	6.821	-33.925	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/05/21 16:25:24.9300	-2.491	-12.121	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/05/02 08:11:05.7400	8.798	-39.658	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/03/31 09:01:08.2000	-12.3807	-14.8814	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/03/31 08:35:53.0000	-6	-14	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/02/09 02:44:21.4400	3.603	-31.685	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/01/15 17:42:13.7000	0	-18	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1999/01/15 17:42:08.6800	0.21	-17.141	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/12/19 01:15:16.3000	-1.602	-12.941	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/12/19 01:15:16.7900	-1.5442	-12.9976	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/12/18 17:12:47.1000	8.486	-39.238	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/12/14 21:58:53.1000	13.513	-44.758	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/09/25 20:02:59.0000	-3.22	-12.319	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/09/25 05:21:13.6000	-0.289	-18.056	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/09/05 23:48:04.1000	7.194	-35.61	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/08/03 21:31:09.0000	0	-29	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/05/04 18:10:35.2000	-0.088	-18.02	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/05/02 19:18:03.5900	0.993	-29.1897	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/05/02 19:14:00.1000	0.871	-29.169	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/05/01 17:18:17.2000	0.8929	-28.5622	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/04/17 15:35:27.1000	-7.26	-12.497	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/02/24 05:31:40.9600	-0.783	-20.8868	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/02/03 02:09:14.6000	0.03	-16.61	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/01/26 15:46:08.2900	-10.4006	-13.1354	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/01/25 05:28:12.5000	0.079	-16.814	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1998/01/19 23:25:58.3600	-0.915	-15.9779	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/12/08 06:26:19.4000	3.459	-31.509	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/12/02 04:47:55.9600	12.0057	-43.8202	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/12/01 00:10:44.0000	12	-44	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/11/13 16:13:36.4600	11.1173	-43.6922	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/10/27 07:46:04.5900	0.2083	-16.6577	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/09/28 13:58:10.5900	7.1692	-34.1971	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/09/28 13:57:59.0000	5	-36	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/09/19 16:34:54.6000	-0.12	-16.609	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/09/01 05:18:51.0000	0	-18	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/09/01 05:18:47.1600	-0.0157	-16.6451	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/07/29 21:57:40.4000	-0.104	-18.094	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/07/28 08:48:16.0000	-1.067	-24.467	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/06/29 23:34:14.4000	13.318	-44.683	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/06/16 23:08:56.9000	-1.104	-24.329	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/06/14 08:49:49.1000	0.84	-26.235	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/05/09 15:47:01.6000	-0.001	-16.544	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/04/26 01:03:19.0000	-3	-17	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/03/28 07:28:38.7000	-0.04	-16.812	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/03/24 02:20:36.0000	-1.464	-15.727	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/01/28 23:08:09.2000	10.914	-43.357	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1997/01/17 21:10:41.4900	1.0001	-27.608	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/12/25 07:00:14.0000	8	-40	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/12/25 07:00:08.5800	8.2345	-39.5411	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/12/17 23:18:33.9000	0.951	-29.682	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/12/10 14:32:24.4400	0.8261	-29.1969	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/11/29 08:46:06.4800	-3.3029	-12.1734	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/11/19 01:49:46.7000	-5.523	-11.606	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/09/15 03:01:30.7300	6.4396	-33.8149	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/08/27 18:41:32.4000	-1.062	-24.436	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/08/05 08:42:59.8000	14.564	-45	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/07/15 06:01:11.7000	-3.502	-12.143	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/04/22 17:52:52.5000	-2.185	-12.557	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/04/22 17:52:52.8000	-2.1632	-12.5733	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/03/28 18:55:52.5000	13.81	-45.52	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/03/28 18:55:52.3700	13.7838	-45.5426	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/02/03 23:24:08.2800	7.9879	-38.0084	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/02/03 18:26:12.0000	8.114	-38.07	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1996/01/31 21:12:49.0000	-5	-12	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/12/02 19:21:40.0000	7.97	-39.17	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/11/26 17:33:22.3000	-11.2652	-13.5314	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/06/09 12:18:23.8000	-1.26	-14.27	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/06/07 11:43:19.0000	-0.35	-15.93	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/04/26 00:26:15.1000	-1.138	-23.614	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/04/23 08:23:27.3600	7.3716	-34.6033	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/03/11 21:18:11.4200	-1.0489	-13.762	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/02/28 05:04:47.9500	7.3834	-35.9442	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/02/12 04:40:40.9000	-0.389	-16.526	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/02/08 12:15:47.0000	-1	-16	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1995/01/03 03:17:56.6600	7.4759	-34.6639	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1994/10/29 17:52:37.4000	-1.412	-23.46	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1994/10/03 06:50:27.1900	0.6409	-29.1219	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1994/08/19 11:12:16.0000	-8.3599	-12.6673	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1994/07/14 05:00:57.8000	-12.193	-14.887	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1994/05/20 11:46:49.1300	4.5965	-32.5954	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1994/03/09 01:21:27.2400	-1.2274	-15.8809	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1994/01/23 21:32:08.1300	11.9127	-43.7128	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1994/01/23 21:32:07.7000	11.899	-43.713	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/12/23 15:51:35.5000	6.3828	-33.4255	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/12/06 20:14:07.6500	10.8638	-40.7824	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/11/19 18:06:40.0000	1.3	-17.9	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/10/10 21:37:18.6000	0.494	-16.475	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/10/10 20:11:23.0000	-1	-17.5	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/09/27 01:32:44.0600	0.0956	-16.6292	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/09/23 07:10:53.0000	1.2	-19.9	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/09/19 17:33:47.2300	-11.2826	-13.7156	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/09/14 10:05:17.0000	1.2	-20.5	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/06/30 01:36:23.8000	-0.234	-16.521	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/06/19 13:18:13.0000	-2	-14.4	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/06/09 15:57:49.8500	-6.8938	-13.0058	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/04/30 08:35:17.0000	8	-37.5	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/04/30 08:35:07.9000	7.234	-37.007	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1993/03/06 02:37:56.1400	1.0685	-28.0759	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1993/03/03 13:06:03.0000	4.958	-32.824	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1992/12/25 00:45:14.2800	1.0083	-28.7649	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1992/12/05 22:28:33.3600	0.8188	-29.3537	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1992/11/04 04:40:11.0400	0.54	-17.244	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1992/10/30 00:33:16.4600	-0.2166	-15.7082	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1992/09/27 00:35:38.4800	-0.5766	-27.4675	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1992/07/16 11:33:15.6900	-1.2874	-24.2331	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1992/06/16 15:32:48.5100	0.0034	-19.1687	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1992/03/12 16:34:41.0000	-10	-13.7	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1992/02/19 07:09:04.2000	-0.74	-23.467	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1991/10/24 02:18:18.0000	4.5	-29.4	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1991/10/24 02:18:03.2000	3.9145	-32.0816	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1991/10/07 08:23:42.0000	-0.3	-16.2	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1991/09/03 20:45:06.3000	-0.4058	-19.931	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1991/07/25 04:37:13.0000	-6.6649	-11.1381	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1991/01/19 02:32:31.5000	-3.265	-12.151	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1990/12/09 00:18:42.6000	0.984	-26.699	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1990/09/21 12:59:09.3000	8.0855	-37.7902	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1990/08/30 02:41:27.0000	0.4	-16.3	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1990/08/26 21:34:35.0000	12.1	-40.5	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1990/08/11 23:17:30.7500	7.1048	-34.0995	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1990/06/01 16:16:42.0000	5.4	-30.3	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1990/05/27 21:58:08.0000	10.6	-35.5	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1989/11/25 12:11:37.0000	0	-14.9	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1989/11/22 04:25:26.0000	-1.5	-13.7	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1989/10/19 20:44:26.8000	-1.103	-15.773	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1989/09/13 00:41:04.0000	3.8	-31.1	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1989/08/08 20:09:04.0000	-8.8	-16.8	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1989/04/19 23:57:12.5400	7.4388	-35.2713	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1989/04/16 08:04:19.0000	1.7	-31.8	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1989/03/31 07:43:31.1000	-1.227	-12.76	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1989/02/13 08:06:53.0000	6.1	-35.8	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1988/08/22 20:52:49.6000	-7.964	-13.791	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1988/08/05 15:10:11.0000	1	-13.4	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1988/05/13 14:28:17.9000	5.539	-32.798	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1988/04/24 16:48:06.0000	0.4	-30.9	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1988/03/29 23:09:20.0000	-7.5	-13.6	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1988/03/05 14:03:47.2900	-10.5904	-13.0811	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1988/03/05 14:03:46.9000	-10.625	-13.081	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1987/09/13 02:18:09.3000	-0.635	-13.552	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1987/08/25 01:37:30.4600	-4.3441	-12.2973	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1987/08/02 10:37:46.8000	4.032	-32.665	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1987/06/23 00:32:08.9900	1.6112	-26.223	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1986/10/10 20:42:20.5100	-7.4797	-13.4497	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1986/09/09 04:37:50.7400	-4.6057	-11.3958	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1986/07/18 05:46:02.0000	1.9	-15.4	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1986/07/10 09:50:58.1000	3.954	-32.767	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1986/06/06 19:10:32.6100	0.1012	-18.4864	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1986/05/18 15:10:55.6200	7.6596	-36.5557	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1986/04/29 02:46:10.0000	-0.2092	-16.1541	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1986/04/29 02:45:30.0000	-8	-13.4	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1986/03/23 13:15:37.0000	-0.3	-25.3	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1985/12/19 17:33:39.9000	14.921	-45.078	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1985/12/19 17:33:39.9800	14.9085	-45.0413	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1985/11/10 15:46:55.0000	1.1	-29.7	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1985/09/22 12:06:46.1000	-1.062	-23.823	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1985/08/02 05:52:16.1100	0.5046	-16.8129	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1985/07/18 07:33:11.1000	-1.22	-16.591	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1985/07/18 07:33:11.2600	-1.1956	-16.5918	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/12/21 21:43:47.0000	11.5	-30.5	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/12/13 05:51:05.0700	8.8415	-40.0051	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/12/13 05:51:04.8000	8.85	-40.044	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/12/07 22:07:33.0500	7.1988	-33.8488	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/12/07 22:07:32.9000	7.201	-33.859	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/12/06 11:08:30.6800	6.9836	-33.8605	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/11/03 21:01:44.2300	-14.0658	-14.0338	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/06/22 01:05:34.0000	9.4	-25.6	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/06/21 06:53:43.5600	4.3038	-32.529	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/03/22 04:03:26.9000	-1.697	-13.012	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1984/03/22 04:03:26.8900	-1.6443	-12.9422	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1983/09/30 08:31:18.8500	-7.6562	-13.4702	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1983/06/08 05:46:03.4000	7.697	-37.585	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1983/05/12 03:34:34.1000	-7.858	-13.384	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1983/05/12 03:34:34.6500	-7.8028	-13.3841	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1983/04/04 16:23:04.0000	6.9	-29.8	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1983/03/02 12:05:05.7000	4.3944	-32.7487	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1983/01/01 06:50:17.9200	0.9961	-30.3022	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1982/08/29 02:48:04.7100	-1.0918	-13.8138	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1982/05/09 04:39:11.0000	0	-18	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1981/12/20 16:56:59.8000	7.2107	-34.418	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1981/11/10 00:34:31.5400	-4.7977	-11.8488	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1981/08/11 19:54:20.3000	-6.748	-12.186	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1981/08/02 18:09:12.0000	0	-18	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1981/08/02 07:25:15.3500	-5.4208	-11.5277	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1981/06/18 14:37:28.0200	1.6299	-30.6509	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1981/06/18 05:06:19.5000	1.51	-30.666	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1981/04/07 00:22:45.6500	-4.5729	-12.1396	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1981/02/16 05:19:34.7000	-11.071	-13.408	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1981/01/17 10:10:06.0200	-6.6008	-10.9511	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1980/09/19 02:07:39.0000	4	-33	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1980/08/13 20:46:37.0000	12	-45	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1980/04/27 07:33:24.8800	0.388	-16.592	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1980/04/01 19:55:36.0000	4	-33	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1980/03/22 14:31:43.7200	-0.9284	-13.2338	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1979/11/12 16:11:18.4600	-7.5723	-13.6808	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1979/05/15 07:33:40.3000	0.8402	-29.1853	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1979/05/15 07:33:39.5000	0.812	-29.333	10	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1978/05/07 22:44:46.2400	8.182	-38.2506	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1978/04/29 07:29:37.4300	0.4534	-25.8655	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1978/04/22 13:07:24.0000	12	-45	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1978/03/20 08:38:05.0000	0	-18	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1977/08/19 11:18:35.6700	3.8842	-32.2218	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1977/06/18 19:37:41.6300	-13.2367	-13.9965	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1977/06/18 04:40:10.2000	-14.111	-14.34	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1977/02/18 14:14:44.1000	8.818	-39.717	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1977/02/18 14:14:43.0800	8.7657	-39.8085	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1976/05/20 06:47:42.9400	7.7874	-36.8177	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1976/04/18 20:48:31.5600	1.8819	-30.6574	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1975/11/06 02:02:03.6100	7.7983	-38.2191	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1975/09/29 06:41:14.2800	-7.1664	-12.0185	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1975/07/10 17:01:11.0000	2.947	-31.23	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1975/06/25 01:04:54.6200	12.8488	-44.679	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1975/01/21 02:08:59.8500	7.4478	-34.6624	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/10/25 04:50:15.1600	-0.8492	-16.1649	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/10/23 10:06:48.7400	-0.6681	-16.1353	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/10/06 16:50:27.6000	4.141	-32.498	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/10/06 16:50:27.7200	4.1677	-32.4837	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/08/16 22:31:38.9600	4.299	-32.4816	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/08/15 15:30:26.3500	5.1832	-32.687	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/08/09 02:33:41.0800	-10.4755	-13.0292	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/07/10 11:45:38.1900	-0.1091	-15.0681	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/04/22 01:47:27.0200	8.2583	-36.9564	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/03/29 23:44:12.4700	7.5613	-35.9727	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/03/21 05:36:50.1000	13.662	-45.013	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/03/21 05:36:50.1100	13.6793	-44.9476	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1974/03/20 07:23:21.6700	14.7643	-45.069	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/12/22 14:18:05.7100	0.0583	-17.1374	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/10/25 17:10:03.8000	4.9778	-32.8439	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/10/24 23:20:19.6200	4.9474	-32.6799	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1973/10/20 10:38:17.0000	5.039	-32.544	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/10/20 10:38:16.9200	4.9472	-32.5302	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/10/20 10:32:04.5200	5.0525	-32.8503	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/10/20 08:58:57.3000	4.9883	-32.5114	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/10/14 19:21:20.1200	4.9719	-32.4205	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/10/14 12:24:00.2300	5.2046	-32.9559	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/08/22 00:48:56.8500	0.0522	-25.8798	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/08/21 18:28:21.5900	0.4122	-25.1567	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/08/05 04:43:17.6000	0.878	-29.844	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/08/05 04:43:17.4900	0.8657	-29.8282	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/07/19 18:05:37.4000	8.025	-37.961	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/06/26 12:11:07.2400	8.2877	-40.6746	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/03/20 09:15:31.9000	8.913	-39.6977	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/03/15 07:34:50.5000	10.73	-43.438	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/03/01 00:43:14.6200	0.9977	-29.1264	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/02/10 21:58:24.8700	-6.8588	-11.9702	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1973/02/09 11:49:00.6500	-0.494	-16.1569	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1972/12/16 11:00:11.4100	-1.0654	-21.4078	0	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1972/08/27 19:38:05.9100	10.6275	-42.5427	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1972/08/04 08:00:23.5900	8.7131	-39.8573	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1972/05/15 12:12:44.6400	3.8832	-31.5552	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1971/07/21 03:00:32.2000	-1.151	-14.874	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1971/07/11 12:51:33.7000	8.207	-37.97	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1971/03/06 00:18:12.0000	7.854	-36.811	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1970/11/22 15:20:32.8000	-0.14	-16.14	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1970/11/11 03:43:34.8000	7.44	-35.86	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1970/07/04 01:15:37.0000	-3.45	-12.16	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1970/04/19 11:59:32.5000	0.7	-28	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1970/03/30 01:48:59.7000	-1.7	-23.2	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1970/02/22 12:35:05.0000	13.4	-46.5	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1970/02/22 07:09:55.7000	9.58	-40.58	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	1970/01/22 02:05:29.0000	10.8	-41.5	33	mb	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/08/11 09:16:57.9400	-6.921	-12.446	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/08/10 02:42:28.9700	-0.2601	-17.974	23	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/08/10 02:42:27.1500	-0.155	-18.016	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/07/09 23:17:59.6500	-7.8776	-13.6602	17	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/07/08 06:17:44.5800	0.798	-26.389	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/06/17 12:46:10.8800	-0.122	-15.918	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/06/16 22:17:26.2600	7.2421	-35.9019	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/04/25 07:19:22.7200	-0.521	-19.986	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/04/13 20:57:35.5000	0.834	-26.74	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/03/19 03:03:15.7200	-10.3223	-13.1122	14	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/03/11 09:09:23.3100	6.999	-33.8583	15	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/02/27 04:08:23.7200	4.409	-32.499	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/01/11 15:45:32.5500	-6.433	-10.75	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/12/22 04:03:41.9100	-5.0642	-11.7058	18	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/11/18 12:21:34.1000	13.2764	-44.88	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/11/14 11:21:32.5900	-1.5	-18.08	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/10/27 05:51:43.5800	7.418	-36.27	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/08/02 03:30:01.4500	7.0551	-34.2814	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/07/11 16:05:23.0800	-7.63	-13.466	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/06/07 04:25:46.0200	-1.0958	-13.4561	13	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/04/08 19:18:20.6900	-0.926	-24.619	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/02/12 03:02:04.3800	0.58	-27.438	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/02/02 06:45:01.2000	-1.39	-15.27	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/11/22 01:07:00.6800	-1.382	-15.765	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/11/22 00:11:59.9300	-1.348	-15.706	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/11/15 09:41:22.3000	8.669	-39.387	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/09/30 22:35:23.3900	14.5203	-45.0564	12	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/08/13 15:27:11.0900	-1.459	-14.971	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/06/17 06:45:13.5400	0.635	-25.495	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/03/22 08:02:25.9400	-12.7694	-14.5664	16	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/03/22 05:38:37.2500	-12.877	-14.582	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/03/22 05:03:31.1400	-13.318	-14.244	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/03/16 01:38:01.8000	0.471	-18.91	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/02/26 14:49:37.8400	-11.796	-12.983	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/01/29 05:45:18.6200	0.064	-18.462	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2009/01/22 20:15:59.9000	-5.5665	-11.425	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/12/13 17:21:12.7100	8.0126	-38.0391	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/11/01 05:57:56.9300	12.699	-44.383	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/10/26 04:56:03.3000	-7.015	-13.929	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/10/21 23:04:23.2000	0.012	-20.652	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/10/03 07:56:07.1700	-11.704	-13.932	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/08/28 16:04:50.3000	0.376	-17.666	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/08/28 16:04:50.7600	-0.0788	-17.4389	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/08/28 16:04:48.9900	-0.0233	-17.4274	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/07/31 00:42:01.0100	-6.7859	-11.6887	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/07/11 09:28:20.1700	-11.6328	-14.4506	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/07/05 18:33:41.6400	7.358	-35.011	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/07/02 03:42:54.5000	12.537	-44.542	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/07/02 00:08:31.3800	12.451	-44.202	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/05/25 02:07:54.9400	-12.874	-14.6514	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/05/24 14:42:12.0700	0.035	-17.96	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/05/22 12:42:59.1200	7.383	-35.762	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/05/15 00:49:18.8500	8.023	-38.5817	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/05/15 00:49:15.7400	8.0497	-38.5825	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/04/16 19:19:37.4300	0.285	-16.498	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/02/23 01:48:00.3700	-1.297	-15.681	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/02/14 02:52:19.0000	-0.8571	-13.1521	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2008/02/14 02:52:17.2800	-0.812	-13.1059	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/12/28 12:59:37.7600	0.744	-28.127	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/11/21 01:15:20.1900	13.321	-44.781	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/11/14 10:16:43.4100	8.124	-38.847	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/08/27 23:55:29.2000	12.638	-44.312	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/08/22 09:17:34.6200	8.24	-39.288	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/08/21 13:35:35.1000	7.789	-39.54	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/08/17 19:35:55.3800	-4.4098	-11.664	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/08/17 19:35:52.9900	-4.4306	-11.6396	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/08/16 14:44:02.8300	-3.4754	-11.7602	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/08/15 13:01:40.9000	0.854	-29.436	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/08/12 08:01:32.3000	-5.01	-11.2	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/08/12 08:01:27.6400	-5.5772	-11.4788	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/06/28 00:12:51.4800	0.761	-28.364	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/06/09 08:24:20.8000	8.99	-37.155	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/06/09 08:24:07.7100	7.814	-37.969	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/04/21 16:11:39.0800	1.54	-29.617	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/04/01 15:25:58.1600	-3.367	-11.5421	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/03/25 13:29:34.5800	-1.0849	-24.0456	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/02/08 06:30:48.1300	-0.474	-16.021	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/02/05 16:37:01.9000	-2.106	-13.788	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/02/05 16:37:01.9900	-1.401	-14.084	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/01/05 02:30:01.3000	0.548	-25.37	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/12/03 00:15:03.7400	-1.081	-13.272	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/11/22 17:12:10.6500	-1.1485	-24.1691	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/11/22 17:12:08.6400	-1.1512	-24.1194	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/09/30 18:53:05.7200	7.428	-34.595	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/09/07 14:06:40.6300	-1.037	-24.488	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/08/14 09:10:16.7100	-12.204	-14.906	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/07/27 17:36:14.5800	0.684	-27.173	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/07/06 16:24:01.2900	7.201	-34.248	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/07/02 07:18:25.3400	-13.374	-21.189	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/06/25 13:57:46.5800	4.733	-32.954	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/06/05 06:18:44.9500	1.0696	-28.1345	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/06/05 06:18:42.7500	1.0667	-28.1072	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/06/02 21:17:16.4500	0.832	-29.098	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/05/24 17:58:06.5300	3.839	-32.093	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/03/26 18:09:02.8300	-12.383	-14.831	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/03/09 17:46:55.4000	0.893	-28.551	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/03/07 21:52:52.6000	0.642	-25.953	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/02/22 23:32:46.7400	-1.436	-14.854	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/02/22 23:31:01.1000	-2.016	-14.461	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/02/22 23:31:01.9900	-1.5516	-14.9956	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/02/22 23:30:59.2100	-1.6824	-14.8587	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/02/18 14:55:53.8000	-1.878	-14.948	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/02/17 13:24:02.9000	-2	-15	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2006/01/29 05:57:08.6500	13.329	-44.859	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/12/31 19:08:45.5300	10.8	-42.609	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/12/31 04:39:35.1000	2.4542	-30.7011	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/10/27 19:14:26.4500	-1.107	-24.021	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/09/25 15:04:33.0000	7.058	-33.861	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/09/21 08:22:17.0500	-1.239	-24.595	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/09/14 11:00:58.8700	0.099	-17.0419	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/08/20 01:50:05.8000	-6.462	-11.173	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/08/15 22:28:16.3900	0.96	-27.748	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/07/12 14:51:48.5800	8.234	-39.456	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/06/27 08:09:38.7400	0.752	-30.119	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/04/12 15:57:51.0200	-10.754	-13.208	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2005/01/22 12:41:18.0000	-0.892	-20.798	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/10/29 08:41:44.4000	0.836	-28.91	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/09/05 21:37:20.6600	-6.811	-12.415	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/08/11 08:57:55.4700	-0.071	-17.502	15	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/08/02 10:50:37.8800	-2.486	-12.281	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/07/06 15:09:39.2300	-11.551	-13.6456	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/07/02 02:16:01.5800	-4.8815	-11.6868	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/06/07 20:32:17.2200	-6.245	-11.522	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/05/27 22:35:24.2800	10.7474	-41.0082	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/03/30 18:44:05.7300	4.542	-32.568	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/03/30 18:19:34.5100	4.318	-32.555	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/03/26 05:42:52.8600	-1.12	-14.458	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/03/14 00:20:24.6000	-1.008	-24.513	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/03/14 00:20:24.6000	-1.008	-24.513	10	MB	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/03/12 20:30:45.6000	5.6769	-33.0257	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/11/09 19:52:31.2300	-0.549	-19.858	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/10/21 07:48:56.6900	-0.7139	-13.0001	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/08/30 00:39:07.7400	10.714	-41.285	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/08/06 19:55:35.5900	7.6274	-36.643	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/07/15 03:22:20.8300	3.094	-31.304	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/07/15 03:12:51.5800	3.085	-31.168	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/07/15 02:50:27.6900	3.015	-31.293	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/07/15 01:50:29.7200	2.866	-31.065	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/05/26 08:48:13.8000	1.403	-29.113	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/05/25 07:27:56.0500	7.8853	-38.0398	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2002/12/06 17:24:32.0800	7.3136	-35.0393	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/11/26 15:30:13.6400	3.885	-32.029	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/10/02 15:57:05.9000	-0.8724	-12.966	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/08/10 15:26:17.9600	-0.712	-13.728	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/08/01 15:58:10.0000	0.702	-30.115	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/06/26 16:01:10.3100	-4.618	-12.398	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/06/25 23:55:58.1900	-4.948	-12.087	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/06/25 23:28:24.7700	-4.557	-12.257	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/06/06 06:25:45.3700	-0.801	-23.095	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/04/14 06:35:43.4100	14.981	-45.115	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/03/09 02:41:50.8800	3.984	-31.547	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/02/03 02:15:13.5700	-0.045	-17.277	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/09/30 18:24:00.7800	5.662	-32.767	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/08/19 08:32:35.4100	8.637	-39.342	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/06/10 01:36:52.8400	7.325	-35.703	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/06/01 16:50:51.0600	-5.377	-11.578	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/05/29 17:26:34.3000	3.948	-31.504	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/04/01 15:28:57.5000	4.393	-32.45	10	MB	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/04/01 15:28:57.5500	4.393	-32.45	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/02/04 09:17:41.6500	10.835	-42.368	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/01/24 10:22:06.2500	10.803	-42.476	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/01/20 20:24:05.3400	12.756	-43.875	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/01/20 20:24:04.7300	12.668	-43.874	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/12/15 14:08:17.5700	-5.5757	-11.5217	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/10/24 13:15:05.1000	7.729	-36.587	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/10/18 21:54:56.8600	-0.954	-23.57	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/08/26 02:42:30.6500	3.954	-32.654	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/07/30 01:14:27.8000	8.3191	-35.5062	33	Mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/07/26 05:37:42.5900	0.788	-26.023	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/07/20 16:51:40.8400	-1.577	-12.852	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/07/14 05:42:25.2100	-0.883	-16.11	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/06/29 20:22:42.5000	6.7223	-35.9822	33	Mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/06/29 20:22:40.2200	7.617	-37.095	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/06/16 18:17:58.9900	-7.685	-13.521	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/06/04 18:18:31.1600	-0.465	-16.669	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/06/03 10:15:16.0700	0.537	-24.895	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/04/01 09:10:50.7700	-7.583	-13.44	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/03/05 10:37:29.6000	-12.529	-14.985	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/01/22 08:37:57.0000	1	-32	0	Mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/01/20 15:45:36.5000	0.9854	-16.5847	33	Mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2000/01/20 15:45:23.2300	0.238	-18.076	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/12/30 17:02:24.9400	7.425	-36.055	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/10/09 09:54:45.4400	-6.83	-12.528	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1999/08/29 04:49:28.6300	14.888	-45.072	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/08/29 04:49:28.8200	14.884	-45.048	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/07/29 03:55:32.1000	-1.1586	-14.5405	33	Mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/07/29 03:55:28.0300	-1.303	-14.557	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/07/05 18:45:26.4100	-0.51	-20.143	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/06/24 07:30:36.0000	-1	-30	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/06/13 22:48:43.0000	15	-47	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/05/02 08:11:05.3000	8.742	-39.656	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/04/14 15:50:39.8000	-4.3891	-12.3932	10	Mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/04/14 15:50:37.9200	-4.742	-12.353	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/03/28 16:34:19.8400	-12.291	-14.823	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1999/02/19 05:22:16.5500	7.162	-33.845	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/12/19 01:15:38.8300	-1.4122	-13.1031	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/12/18 14:47:02.5800	8.5815	-39.289	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/12/16 00:22:02.7000	-2.413	-12.273	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/11/20 20:14:39.3000	12.689	-44.439	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/11/04 00:22:01.3000	0.7842	-29.1816	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/10/22 09:59:26.9600	-5.5751	-11.5216	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/10/14 04:36:21.4000	14.653	-45.155	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/08/31 01:44:56.0000	-2.463	-11.722	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/06/25 05:41:09.9000	13.6777	-45.6705	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/04/25 17:36:00.5000	0.109	-16.607	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/03/13 13:25:38.5000	-1.408	-14.345	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/02/11 21:16:42.6000	10.7709	-41.3987	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/01/26 15:46:08.2000	-10.44	-13.139	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/01/02 12:00:35.3000	0.975	-28.811	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1998/01/02 11:46:57.7000	0.867	-28.821	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/12/05 01:29:07.5600	0.119	-16.5337	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/11/18 21:06:48.2000	7.652	-37.312	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/11/13 16:09:12.9000	11.488	-43.861	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/09/01 12:36:29.9000	-1.5923	-15.6863	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/09/01 05:18:46.9000	-0.059	-16.73	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/07/30 13:06:45.0000	6	-31	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/07/04 14:41:04.0000	0.935	-27.921	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/05/27 11:49:15.8800	-0.8363	-21.0218	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/05/20 07:18:31.1000	0.816	-28.063	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/05/15 22:11:26.2000	1.775	-30.587	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/04/26 01:03:33.6900	-0.044	-16.6434	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1997/01/09 17:47:17.1800	0.7527	-29.2834	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/12/13 05:54:48.0700	8.2824	-39.5846	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/12/10 09:23:25.8000	0.86	-29.63	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/10/07 06:59:55.9000	13.361	-45.043	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/10/06 15:32:31.1000	13.3	-45.08	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/10/04 07:08:16.7700	-12.3431	-14.7584	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/08/30 23:01:11.0000	2	-10	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/08/30 23:00:31.1000	-3.35	-12.11	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/08/28 22:50:16.2000	-1.322	-14.871	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/07/15 05:01:45.2000	-3.648	-12.098	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/06/21 23:34:34.1000	0.739	-28.177	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/06/08 19:51:27.0700	-12.6931	-14.8024	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/04/17 04:11:55.1000	1.508	-29.594	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/04/15 20:03:58.0000	0	-18	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/03/28 18:55:52.0000	13.797	-45.543	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1996/02/22 06:00:20.5000	-5.091	-11.62	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1995/11/06 04:21:07.7200	0.8106	-27.6302	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1995/05/13 07:28:58.0000	-9	-12	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1995/02/28 05:04:47.8000	7.404	-35.995	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1995/02/17 13:13:06.7000	-5.56	-11.23	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1995/01/20 22:47:51.6000	-0.548	-19.747	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/11/14 11:27:37.0000	-3	-20	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/08/28 15:33:56.9800	8.7662	-39.2092	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/08/28 12:35:50.9000	8.605	-39.799	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/08/28 12:09:29.4300	8.7141	-39.3885	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/05/20 11:46:53.0000	5	-34	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/05/20 11:46:48.6000	4.481	-32.609	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/05/20 11:18:47.6500	4.8847	-32.7426	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/05/17 20:38:05.0000	-2	-16	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/05/17 15:49:19.6000	-0.284	-16.479	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/04/14 16:04:15.1500	0.1419	-29.3179	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/04/05 19:04:07.9800	0.0495	-16.7389	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/03/06 04:54:41.4800	6.4529	-33.5768	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1994/03/05 22:49:10.3100	-0.8137	-24.4839	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1993/12/23 15:51:35.1000	6.41	-33.455	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1993/09/30 03:30:13.0000	9.1	-38.3	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1993/09/30 03:30:03.2000	8.1926	-37.8738	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1993/09/27 01:32:44.2000	0.102	-16.613	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1993/09/14 10:05:13.3600	-0.572	-12.7068	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1993/08/11 03:12:33.9800	-2.0521	-12.2874	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1993/03/06 02:37:55.3000	0.98	-28.121	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1992/12/25 00:45:13.6000	0.916	-28.802	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1992/09/15 01:25:53.0000	9.5282	-40.4875	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1992/07/20 06:13:34.9100	0.4987	-29.1357	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1992/03/15 16:35:27.8300	-7.8129	-13.2887	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1992/03/06 23:41:46.3400	-12.5206	-14.6425	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1992/01/30 04:43:16.9000	-1.537	-12.751	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1991/10/24 02:18:01.5000	3.679	-32.209	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1991/07/25 04:37:09.7000	-6.888	-11.637	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1991/06/11 20:24:45.0000	-0.2	-15.9	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1991/04/16 02:11:30.0000	-0.9	-25.1	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1991/02/01 08:41:23.0000	5.3	-30.8	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1991/01/20 00:07:14.5500	-3.2287	-12.1527	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/12/08 03:48:35.1900	2.2199	-30.7181	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/08/26 21:34:14.5000	9.742	-40.871	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/08/05 13:10:12.7000	-1.12	-12.909	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/07/30 10:06:08.0000	-6.9	-7.6	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/06/20 01:44:10.3000	8.046	-38.767	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/06/20 01:44:10.5300	8.0593	-38.7585	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/06/01 16:18:02.0000	6.2	-30.1	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/06/01 16:17:38.1100	3.4767	-31.2131	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/05/25 18:37:24.6000	-0.536	-19.757	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/05/25 18:37:24.6600	-0.5363	-19.7627	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1990/04/17 14:30:03.9200	7.5541	-35.5383	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/12/09 21:15:19.0000	1.9	-28.7	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/11/24 11:09:51.6500	-0.3707	-17.6196	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/10/19 21:40:14.4600	-0.1845	-16.2939	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/10/18 15:33:22.4000	14.5642	-45.1018	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/08/31 23:23:35.7700	-0.3131	-14.4026	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/08/22 02:53:25.1100	-1.0231	-15.8257	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/08/08 20:33:27.6000	-11.433	-14.2	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/08/08 20:33:27.7400	-11.4791	-14.2236	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/08/08 20:18:30.0000	-6.7	-15.4	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/08/07 19:12:26.8500	-3.8732	-12.1292	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/07/11 09:33:20.9700	-0.5024	-14.5814	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/07/05 14:31:02.2000	-1.682	-14.55	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/07/05 14:31:02.6800	-1.6708	-14.5868	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/06/28 19:51:51.8800	-6.8479	-13.0696	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/05/28 21:01:25.6000	0.384	-28.914	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/03/31 09:22:07.0000	-0.5	-15	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/03/31 07:03:15.0000	-9.1	-12.5	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1989/03/31 07:02:42.0000	-2	-11.5	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1988/11/18 01:32:20.7200	0.7669	-27.7148	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1988/09/02 08:45:06.8300	0.3214	-27.6738	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1988/08/27 16:52:58.0000	2.1	-15.8	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1988/08/16 23:08:19.0000	-3.4	-28.1	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1988/05/31 10:53:01.5500	6.6236	-33.7962	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1988/04/05 07:18:05.0100	-3.2726	-12.2368	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1988/03/29 23:08:44.7600	-12.4909	-14.7014	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1988/03/26 12:22:18.5900	3.8528	-32.5927	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1988/01/24 07:07:34.9000	2.827	-31.168	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1987/09/12 04:25:28.4000	13.013	-46.558	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/09/12 04:25:28.7000	13.1017	-46.6249	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/06/23 00:32:08.8000	1.671	-26.22	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/06/13 07:36:40.6100	-1.288	-15.9329	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/06/09 18:39:17.0000	12	-45.3	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/06/04 13:23:52.0000	1.8	-24.2	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/05/28 08:15:04.6500	-0.1426	-17.5562	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/03/12 05:34:20.6400	-1.0462	-13.7047	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/01/13 15:57:13.0000	-5.2122	-11.435	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/01/12 09:23:42.9100	7.3554	-34.9155	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/01/11 10:39:10.1200	-3.1258	-12.2504	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1987/01/04 01:06:31.6900	-0.0558	-28.5776	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/10/01 15:25:30.0000	5.3	-27.2	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/09/05 10:33:04.0000	4.4	-13	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/08/27 20:15:41.8000	-0.582	-16.072	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/06/24 23:35:17.0000	0	-14.9	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/06/23 11:58:23.9000	7.527	-37.287	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/06/19 12:56:22.0000	8.8	-30.2	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/06/19 11:40:03.4000	4.368	-32.516	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/06/19 11:40:03.3700	4.3429	-32.5171	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/05/22 15:54:04.6300	0.7106	-25.473	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/05/18 15:10:55.2000	7.639	-36.578	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/05/16 11:29:47.0000	-13.4	-19.3	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/05/16 11:29:43.7000	-14.3088	-14.4133	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/04/29 02:46:09.6000	-0.258	-16.138	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/02/18 16:33:23.5700	-7.38	-13.4395	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1986/01/19 05:10:35.0000	-0.6	-35.9	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/12/30 20:19:29.2000	7.3736	-36.0372	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/11/10 15:46:50.1600	0.7772	-28.7879	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/10/17 01:31:35.4900	-0.7485	-12.9857	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/10/01 10:51:11.8000	13.5322	-45.0592	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/09/22 12:06:46.3500	-1.0628	-23.8108	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/08/26 04:21:54.9000	7.789	-37.937	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/07/18 07:27:00.0000	-0.7	-8.9	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/07/15 00:33:53.0000	3.5	-24.6	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/06/26 14:11:01.2800	1.7688	-12.4948	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/06/03 21:41:19.8700	-1.5282	-23.9501	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/06/03 20:11:51.0000	-8.7	-14	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/05/01 06:01:37.0000	1.1	-28.9	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/04/08 09:55:55.0000	6.5	-34.7	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/04/07 20:35:31.0000	8.5	-31.2	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/04/06 19:31:36.0000	10.8	-28.3	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1985/01/08 15:01:43.0300	6.6962	-34.4061	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1984/12/21 21:43:05.7100	7.3945	-33.9406	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/12/06 07:33:25.0000	8.7	-33.7	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/12/06 07:33:06.7500	8.1591	-38.014	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/12/05 06:20:35.0000	11.9	-32.5	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/11/24 16:41:52.0000	5.7	-30.2	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/11/24 16:41:27.6200	3.0915	-31.1905	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/11/04 02:47:16.1000	-13.968	-13.8896	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/11/03 21:42:54.4400	-13.8846	-13.965	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/09/03 03:20:09.2000	7.142	-33.848	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/07/26 11:17:47.0000	3.7	-32	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/06/21 06:53:42.6000	4.436	-32.643	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/05/14 09:40:45.0000	-1.8	-8.3	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/03/08 15:27:49.6300	9.5559	-40.5134	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/02/01 16:02:31.9000	-8.0992	-13.4056	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1984/01/25 00:06:24.0500	8.7376	-38.835	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1983/12/21 07:09:25.0000	1.7	-17.4	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1983/12/20 04:17:09.2000	8.2979	-39.6563	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1983/04/09 00:49:09.1200	-1.0551	-12.787	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1983/03/11 00:24:07.6800	-10.5396	-13.0763	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1983/02/24 21:04:31.7800	8.1441	-39.2874	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/12/28 06:06:50.1300	14.6091	-44.8091	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/12/27 23:55:32.1900	14.7545	-43.7078	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/12/27 16:23:01.3700	14.3324	-44.3323	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/09/18 21:59:40.5000	7.516	-36.566	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/09/18 21:59:40.8900	7.547	-36.5374	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/08/30 11:20:29.0000	0	-18	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/08/29 02:48:03.9000	-1.189	-13.866	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/08/03 06:49:12.9000	-0.2019	-15.9961	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/07/06 09:05:22.8100	-6.364	-11.7488	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/05/26 20:04:17.0000	0	-18	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/05/26 20:04:09.0100	-0.2885	-19.1841	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/05/23 16:04:38.6000	3.0408	-31.1168	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/05/22 11:39:35.4000	-0.418	-19.541	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1982/05/22 11:39:35.2600	-0.5242	-19.3965	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1981/08/02 17:33:25.5000	-5.32	-11.443	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1981/08/02 17:33:25.9600	-5.3167	-11.4082	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1981/06/18 01:21:29.2000	1.749	-30.568	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1981/06/01 13:49:36.0000	0.847	-25.361	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1981/05/18 19:35:05.0700	7.4511	-37.0196	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1981/03/05 22:44:43.4000	8.251	-38.043	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1981/01/23 06:52:12.8100	1.2078	-28.3354	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1980/11/01 10:48:14.0000	1	-26	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1980/08/06 16:00:01.5700	-10.5129	-13.0737	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1980/07/25 05:57:17.5000	-0.159	-17.64	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1980/07/15 16:39:36.8700	-1.0921	-14.5651	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1980/07/09 17:17:28.2000	-3.116	-12.115	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1980/07/03 22:54:12.0000	4	-33	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1980/07/03 22:54:09.0100	4.5952	-32.7206	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1980/07/03 22:51:06.6900	4.07	-32.4652	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1980/03/06 01:32:11.2400	-7.3875	-12.3638	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/11/26 22:02:34.4700	-6.8351	-13.062	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/11/14 22:05:01.0000	1	-26	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/06/28 20:41:29.0000	1	-26	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/06/28 14:23:42.0000	0.572	-24.828	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/06/28 14:23:41.2500	0.3088	-24.9084	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/06/28 11:34:07.7400	0.5537	-25.0132	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/06/28 11:34:05.4000	0.166	-25.012	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/06/28 05:18:32.0000	0.27	-24.835	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/06/28 05:18:32.2100	0.3365	-24.9071	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/06/07 08:19:18.7600	12.0921	-43.6661	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/06/06 08:31:07.5700	8.158	-38.4419	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/05/15 07:33:55.0000	1	-26	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/03/08 11:00:27.8600	-5.7028	-11.5167	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/01/19 23:40:26.1000	7.75	-36.986	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1979/01/19 23:40:26.1300	7.7688	-37.0105	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1978/10/25 22:18:11.0500	0.2606	-28.0036	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1978/09/24 13:46:20.1600	0.8624	-26.3859	10	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1978/08/20 21:21:28.0600	7.4825	-34.7138	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1978/05/15 07:27:07.3800	0.8307	-27.7884	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1978/03/20 08:37:57.6000	-1.5	-13.813	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1978/03/20 08:37:57.2300	-1.488	-13.9297	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1978/01/10 06:57:25.7000	5.568	-33.507	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1978/01/10 06:57:25.5000	5.5785	-33.4334	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1977/08/19 11:18:35.2000	3.836	-32.207	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1976/12/11 12:10:30.3000	8.718	-39.481	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1976/11/02 10:56:58.3300	-5.6869	-11.309	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1976/10/01 10:18:45.3100	-7.4976	-13.1701	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1976/10/01 10:18:41.1000	-7.797	-13.807	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1975/10/24 05:12:55.4700	7.0348	-36.0649	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1975/09/29 06:41:13.9000	-7.196	-12.042	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1975/04/21 02:55:08.1000	-0.942	-12.849	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1975/04/21 02:55:08.2900	-0.896	-12.946	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1975/01/21 02:08:59.7000	7.457	-34.643	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1975/01/15 05:29:04.9400	5.6074	-32.6647	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/12/24 11:19:53.8800	-1.576	-13.971	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/08/16 05:59:13.3100	4.0734	-32.5144	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1974/08/16 05:59:10.8000	3.554	-32.474	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/07/07 07:42:43.7500	11.6231	-44.9106	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/06/26 18:54:18.4000	10.8577	-43.3569	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/04/23 17:38:39.6800	7.3468	-35.3295	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/03/23 21:40:35.1000	0.2266	-24.7791	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/03/05 01:58:10.6000	7.5835	-36.9327	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/02/28 17:32:42.4400	10.9042	-43.3752	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/02/10 04:04:31.5400	-4.6685	-12.2045	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/02/06 17:37:06.0000	-1.188	-13.641	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/02/06 17:37:06.1500	-1.4731	-13.6071	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/01/30 15:05:40.1500	4.5052	-32.6523	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1974/01/21 20:37:13.2700	0.2219	-17.3268	37	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/12/21 16:08:55.9400	0.0659	-17.4112	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/12/17 07:31:20.8500	6.9823	-35.7343	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/11/20 15:29:57.2300	7.5771	-36.3523	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/10/28 02:37:56.1000	5.185	-32.848	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/10/24 23:20:19.1000	4.934	-32.641	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/10/21 11:20:34.9800	5.087	-32.5885	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/10/20 10:45:37.0400	5.182	-32.5589	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/10/20 07:51:57.5300	5.1946	-32.5629	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/10/15 01:22:36.1000	5.0353	-32.5399	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/10/14 07:51:07.4000	5.055	-32.647	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/10/14 07:51:07.6100	5.0934	-32.6246	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/10/14 06:31:01.9700	3.474	-30.4006	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/10/14 04:04:16.9900	4.8723	-32.2791	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/09/26 22:53:15.3000	3.4092	-25.6219	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/08/05 06:13:50.1000	0.77	-29.714	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/08/05 06:13:49.8300	0.4694	-29.4008	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/03/01 00:43:16.3000	1.364	-29.516	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/02/09 11:49:00.6000	-0.497	-16.164	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/02/08 19:11:44.4000	-10.2657	-13.0928	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/02/03 04:11:23.1900	0.2102	-17.8054	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1973/01/14 08:55:18.1000	14.812	-45.091	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1972/10/15 15:40:29.8800	0.4761	-25.0718	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1972/10/05 21:42:10.4300	12.747	-44.8008	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1972/08/29 19:14:23.5500	8.7953	-39.5258	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1972/03/03 13:32:04.9600	2.9209	-30.9182	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1971/12/29 03:55:49.4000	7.385	-36.034	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1971/08/08 03:51:22.7000	-0.7865	-22.2794	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1971/08/05 17:20:49.3000	-0.726	-21.874	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1971/08/05 17:20:49.2200	-0.9316	-21.9113	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1971/01/21 21:33:22.3500	-1.6072	-12.8564	0	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/11/11 03:43:34.3000	7.4	-35.8	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1970/10/12 06:11:57.0000	0.4	-28.8	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/09/19 04:02:20.9000	13.81	-44.21	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/09/01 16:17:59.8000	-1.64	-12.68	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/09/01 16:06:02.0000	-1.8	-12.4	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/08/23 03:35:00.9000	-6.97	-11.74	21	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/07/29 18:23:59.5000	-14.3	-14.1	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/07/19 22:07:22.1000	-0.9	-22.8	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/07/19 22:07:22.5000	-0.83	-22.86	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/03/30 01:48:59.9000	-1.7	-23.2	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/03/07 11:57:11.1000	-0.37	-19.51	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/03/07 11:57:09.4000	-0.5	-19.7	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/02/22 07:09:55.9000	9.7	-40.6	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	1970/02/09 00:02:38.0000	4.84	-32.74	33	mb	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/09/16 06:43:16.0900	7.5679	-36.9374	20	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2011/07/17 16:37:24.3700	0.55	-25.221	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2011/06/16 22:17:28.0600	7.1464	-35.8892	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2011/06/08 01:18:53.5300	-11.453	-13.171	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2011/06/02 12:30:27.4200	-11.4362	-13.4203	20	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2011/05/01 04:39:33.6200	-1.204	-14.3896	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2011/03/19 10:52:27.3300	-10.295	-13.078	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2011/03/11 09:09:25.1200	7.0168	-33.8867	15	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2011/03/08 20:23:32.3900	0.248	-17.177	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2011/02/15 09:21:35.8300	-13.9087	-14.3714	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/12/27 00:49:06.2800	0.699	-9.963	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/12/22 04:03:44.1900	-5.0047	-11.6705	18	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/12/09 17:22:54.4100	-0.631	-16.028	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/11/14 11:21:41.1000	-0.094	-18.065	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/10/22 02:08:41.4600	8.707	-40.386	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/06/07 04:25:48.3100	-1.0132	-13.4081	13	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/06/03 07:43:40.2300	13.6241	-44.9046	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/03/26 09:36:55.5200	-1.2883	-15.7539	12	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/02/28 11:41:36.3300	-6.691	-11.432	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/02/02 06:45:04.4900	-0.2914	-16.0917	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/01/19 14:53:25.2300	0.586	-28.804	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2009/09/21 23:18:29.7100	3.9242	-31.4532	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2009/08/09 07:31:09.0000	3.754	-32.194	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2009/05/31 00:46:54.0000	2.255	-31.747	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2009/03/27 10:00:47.9000	-12.8325	-14.5214	16	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2009/03/22 12:56:21.4200	-12.6707	-14.715	18	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2009/03/22 06:06:35.0400	-12.7987	-14.5495	16	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2009/03/16 17:33:40.9000	-0.065	-17.315	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2009/03/16 01:38:00.6700	0.1227	-17.3877	12	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2009/02/24 00:46:40.1000	-0.2266	-18.3675	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2009/01/22 20:15:59.8800	-5.549	-11.448	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/12/16 17:26:29.4400	-11.628	-13.412	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/10/21 21:22:01.8000	-9.129	-13.907	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/10/21 21:21:53.6700	-10.4538	-13.1358	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/09/19 09:34:21.6000	1.17	-27.052	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/08/28 16:04:51.2400	0.038	-17.466	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/08/15 00:49:43.7000	0.459	-25.243	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/07/31 00:42:01.6100	-6.798	-11.696	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/05/15 00:49:19.6000	8.5888	-39.0591	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/05/15 00:49:15.7300	7.948	-38.359	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/04/25 02:43:01.4000	-1.026	-13.2788	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/04/13 23:29:56.3000	13.104	-43.998	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/03/07 19:03:42.5700	8.682	-39.678	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/03/07 19:03:42.6000	8.682	-39.678	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/02/14 02:52:18.6500	-0.888	-13.154	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/02/13 22:38:43.3500	-0.742	-13.14	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/01/07 15:01:35.1700	-1.454	-12.91	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/12/26 22:34:54.4200	-4.862	-11.842	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/12/25 17:59:20.7000	-6.917	-12.405	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/11/14 18:38:23.3500	-0.16	-12.784	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/11/07 06:41:17.3800	7.998	-38.071	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/10/23 03:03:01.3000	-1.63	-13.01	12	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/10/07 23:49:59.9900	-11.653	-14.059	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/08/22 09:06:51.9100	8.097	-39.522	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/08/21 16:36:43.8100	8.0423	-38.9749	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/08/21 13:35:37.2100	8.0406	-39.2692	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/08/19 12:59:38.7200	-2.5551	-12.2483	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/08/17 12:37:11.6000	-3.167	-11.61	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/08/16 14:44:13.2000	-2.409	-11.896	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/08/14 20:01:06.5700	-7.817	-13.587	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/08/14 20:01:01.4000	-8.776	-13.953	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/08/11 06:32:52.6600	-5.4993	-11.5256	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/04/01 15:25:56.3100	-3.3178	-11.5503	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/03/07 23:01:21.2000	3.419	-31.959	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/02/13 00:58:19.6600	-4.7604	-12.4445	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/02/08 12:05:19.4500	8.703	-39.308	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2007/02/08 12:05:07.5000	7.199	-41.323	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/11/23 18:55:28.2100	13.963	-47.249	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/11/07 06:15:12.1000	4.399	-32.467	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/11/05 10:05:26.9200	-0.9958	-23.447	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/10/31 06:42:41.1400	-1.118	-24.698	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/10/24 03:04:29.3700	-13.7538	-14.5591	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/10/24 03:04:27.1400	-13.7436	-14.577	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/08/29 06:57:35.1500	10.762	-43.469	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/07/14 07:51:21.0700	0.213	-16.947	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/07/13 00:05:55.6600	7.386	-34.956	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/06/22 01:15:48.0300	4.513	-32.495	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/06/22 01:15:48.6000	4.18	-32.561	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/06/22 01:12:00.4000	4.341	-32.255	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/06/06 01:39:04.5000	11.33	-45.4	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/05/25 23:09:23.7600	4.948	-32.425	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/05/02 05:01:06.2000	-13.577	-12.88	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/03/31 13:38:50.9500	3.512	-31.436	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/03/20 03:16:50.1400	1.032	-28.172	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/02/22 23:32:45.2100	-0.9139	-14.8293	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/02/22 23:32:42.9300	-0.9292	-14.8601	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/02/22 23:30:59.8300	-1.903	-14.755	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/02/17 13:53:03.1100	-1.273	-15.122	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/02/09 15:40:40.4200	5.342	-32.827	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2006/02/07 16:14:35.6500	5.31	-32.84	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/09/30 11:24:25.3400	2.893	-31.25	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/09/22 06:42:34.4300	0.664	-25.832	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/09/14 11:01:00.8000	0.092	-17.064	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/08/15 08:02:47.7700	-1.823	-12.882	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/08/15 07:53:40.9500	-1.5883	-13.0394	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/05/07 09:02:23.3900	5.782	-33.044	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/05/03 18:00:53.4700	-11.439	-13.082	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/04/13 06:42:34.1900	0.791	-29.128	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/02/27 09:03:12.1900	-1.196	-24.603	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/01/16 19:07:10.8100	-5.644	-11.424	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/12/20 09:52:42.1300	0.7958	-25.4824	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/12/16 11:16:07.7500	-0.392	-16.063	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/11/03 19:56:09.4200	-0.06	-19.045	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/08/25 10:24:05.7300	-14.024	-14.154	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/08/24 04:39:37.9300	12.629	-44.376	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/08/24 04:39:35.9000	12.6	-44.4	10	mB	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/08/16 08:55:20.3500	-0.929	-23.887	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/07/23 00:57:47.3200	1.592	-30.652	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/07/06 15:02:54.4100	-11.5062	-13.3548	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/07/02 02:16:03.2100	-4.944	-11.683	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/06/30 09:15:44.8100	0.865	-28.948	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/06/26 08:12:04.8900	-1.826	-12.994	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/06/07 20:47:15.8200	-5.687	-13.12	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/06/07 20:40:16.8100	-6.283	-11.402	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/06/02 20:33:05.1900	4.826	-32.65	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/06/02 15:06:02.8000	4.775	-32.566	10	MB	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/06/02 15:06:02.8600	4.775	-32.566	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/05/27 22:35:26.0000	10.731	-41.006	10	MB	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/05/12 23:23:53.2000	-1.6132	-15.2964	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/05/05 05:24:17.2800	-7.362	-13.4754	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/02/07 23:48:55.3400	13.473	-44.763	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2004/01/07 16:47:37.8500	10.6585	-40.9771	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/10/21 07:48:49.8300	-1.839	-12.455	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/09/21 07:10:15.8900	-12.847	-14.687	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/07/12 15:59:19.9700	12.178	-43.905	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/07/08 15:21:28.9900	2.856	-31.284	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/06/15 04:11:05.4800	3.963	-31.738	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/06/06 07:04:57.4600	-0.736	-16.083	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/05/31 04:19:19.1800	-1.07	-15.834	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/05/27 07:07:23.9400	8.073	-39.129	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/05/25 07:27:56.2800	7.91	-38.101	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/03/14 22:13:19.7400	-1.2741	-15.9268	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/11/25 11:41:59.7100	0.689	-25.294	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/10/02 15:57:05.6400	-0.9	-12.937	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/09/22 03:18:18.0700	0.881	-29.086	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/08/24 07:31:42.0100	-0.035	-17.803	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/06/25 23:28:24.7400	-4.549	-12.229	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/06/25 20:50:43.5400	-4.86	-12.386	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/06/22 17:32:12.5500	3.362	-31.358	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/06/15 02:42:11.3200	4.239	-32.495	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/05/03 06:42:56.1500	7.089	-34.219	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/03/30 19:07:04.0400	14.286	-44.921	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/02/03 02:15:13.8000	0.004	-17.31	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/01/22 19:29:48.6800	-5.572	-11.391	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/01/22 19:29:48.8000	-5.539	-11.391	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/12/01 15:55:48.8000	-4.457	-12.297	10	MB	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/12/01 15:55:48.8800	-4.457	-12.297	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/10/28 08:20:49.7000	-7.288	-13.482	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/10/10 10:02:00.5500	5.799	-32.743	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/10/06 02:54:46.3800	14.894	-44.99	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/08/15 05:24:58.7000	0.741	-25.452	10	MB	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/08/15 05:24:58.7000	0.741	-25.452	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/06/12 14:51:39.8900	14.597	-45.075	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/06/12 14:25:35.6100	14.625	-45.081	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/06/12 14:22:16.0900	14.5367	-44.9389	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/06/01 16:50:51.5000	-5.31	-11.362	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/05/30 11:24:42.2000	7.732	-36.741	10	MB	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/05/03 05:50:39.1300	8.117	-37.986	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2001/05/01 19:14:46.1000	7.441	-36.129	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/03/07 18:10:57.6100	-7.1849	-12.8687	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/11/22 21:21:03.5500	7.38	-34.633	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/11/09 15:27:03.3600	12.776	-44.764	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/10/29 06:05:27.8500	0.687	-28.078	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/10/26 03:20:51.8500	-10.438	-13.245	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/10/21 08:24:43.9000	-7.1543	-13.5845	10	Mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/10/15 16:05:19.2600	-0.317	-16.163	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/10/14 22:43:05.6000	0.8756	-25.1632	33	Mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/10/14 22:43:00.6200	0.602	-25.093	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/08/31 20:29:48.0000	-2	-27	0	Mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/07/20 15:23:23.0000	-1	-13	0	Mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/07/20 15:23:16.3300	-1.643	-12.798	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/07/15 03:13:23.4100	-0.3925	-19.6217	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/07/14 05:42:25.1400	-0.805	-16.097	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/07/08 09:28:50.3800	-0.093	-16.437	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/06/22 18:57:56.1000	-4.462	-12.335	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/06/22 18:57:55.8700	-4.406	-12.363	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/06/16 18:17:58.8800	-7.775	-13.486	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/06/16 18:17:57.9000	-7.7635	-13.5902	10	Mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/06/11 00:31:09.3700	-1.74	-12.7	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/04/29 15:02:28.0000	5	-13	0	Mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/03/14 13:34:57.1400	10.741	-41.069	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/02/09 21:30:21.1900	0.02	-16.283	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/02/09 18:28:53.3900	0	-16.351	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/02/03 04:28:23.3000	0.4658	-19.9554	33	Mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/02/03 04:28:13.8400	-0.55	-19.442	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2000/01/28 15:26:36.0300	2.036	-30.653	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1999/12/25 07:53:13.0000	-7	-12	0	Mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1999/12/16 04:38:09.2800	12.013	-43.864	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1999/09/25 01:37:29.2500	0.574	-25.023	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1999/08/06 12:24:52.3700	-1.247	-15.921	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1999/07/05 18:45:26.1100	-0.542	-20.152	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1999/03/31 09:01:46.6000	-7	-13	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1999/03/28 16:34:19.7000	-12.324	-14.783	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1999/02/04 19:43:14.5000	1.2427	-30.6197	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1998/12/18 16:01:04.1000	8.795	-39.079	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1998/12/18 14:47:02.5000	8.585	-39.287	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1998/10/14 04:36:12.0000	12	-46	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1998/10/02 22:24:06.9000	13.669	-45.642	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1998/08/03 21:31:02.9000	-0.122	-28.346	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1998/07/09 07:13:34.1000	-6.679	-10.959	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1998/04/03 17:52:50.1000	-6.825	-11.66	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1998/02/24 05:31:40.9000	-0.789	-20.862	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/01/11 00:39:38.2000	-7.671	-13.348	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1998/01/06 09:47:04.3000	7.929	-37.974	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/12/05 01:29:06.8000	0.015	-16.632	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/11/13 16:15:47.3000	11.15	-43.593	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/11/13 16:13:36.2000	11.154	-43.698	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/11/13 16:01:19.8000	11.17	-43.569	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/09/01 22:59:28.4000	0.0384	-16.8598	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/08/26 08:27:11.6000	-7.247	-21.761	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/07/22 19:10:29.0000	3	-33	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/05/19 20:05:37.8300	-0.0452	-16.6581	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/05/16 17:50:02.0000	-2	-16	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/04/26 01:03:33.3000	-0.088	-16.596	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/04/24 00:08:12.3000	-5.751	-11.175	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/04/23 21:47:25.8000	1.013	-29.659	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/02/24 04:17:37.0000	15	-42	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/01/30 23:46:29.8600	7.4816	-36.2196	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1997/01/17 21:14:16.1900	0.9302	-27.6341	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/12/25 07:00:08.4000	8.292	-39.527	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/12/15 14:12:10.4000	0.828	-29.591	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/12/13 05:54:47.9000	8.283	-39.605	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/10/06 15:32:30.0000	12	-45	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/08/25 12:52:00.3000	0.979	-25.714	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/08/05 08:20:15.0000	13	-46	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/06/08 19:51:27.7000	-12.741	-14.73	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/06/08 16:37:41.0000	-8	-12	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/06/08 16:07:39.0000	-8	-13	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/04/29 22:31:15.8000	8.135	-39.063	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/02/20 18:12:38.5000	-7.992	-13.569	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/02/14 05:42:17.9800	-13.6438	-14.6733	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/02/11 09:02:33.6000	-0.908	-12.724	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/02/08 22:11:35.9200	0.654	-26.0442	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1996/01/31 21:12:47.7500	-4.5302	-12.1717	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1995/12/28 08:36:45.3000	13.59	-45.59	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1995/12/14 05:13:54.0000	-7	-13	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1995/12/14 02:09:13.8000	-7.22	-12.62	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1995/05/04 11:43:04.5600	-10.3848	-13.079	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1995/03/04 17:56:38.2000	-14.12	-14.53	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1995/01/08 14:25:56.0800	-0.6876	-13.7703	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/11/22 17:10:25.1600	-0.1422	-16.173	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/11/16 21:32:47.6000	-10.263	-13.166	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/10/06 16:14:12.4000	-3.7038	-12.3183	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/10/03 06:50:26.9000	0.699	-29.158	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/09/26 10:26:06.2800	0.7992	-28.801	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1994/08/28 15:33:56.5000	8.747	-39.237	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/08/28 12:56:10.9400	8.5978	-39.4518	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/08/28 12:37:52.4800	8.5642	-39.3854	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/08/28 12:09:29.2000	8.758	-39.357	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/05/30 18:52:24.9100	10.8331	-42.0607	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/05/17 20:38:08.0000	-0.1337	-16.4582	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/05/17 15:49:19.6100	-0.2994	-16.4676	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/04/22 19:42:04.5000	0.758	-16.564	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/03/09 01:21:27.8000	-1.056	-15.988	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/03/06 04:54:41.1000	6.4	-33.554	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/03/05 22:49:10.0000	-0.83	-24.506	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1994/01/20 23:04:57.0000	-0.5	-13.2	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/12/29 01:15:05.1400	-1.077	-23.0638	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/10/28 15:01:37.9000	0.108	-16.833	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/10/10 20:11:26.8900	0.1083	-16.5896	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/08/11 03:12:33.5000	-2.059	-12.307	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/06/19 13:18:17.1000	0.001	-16.57	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/06/19 13:18:17.3600	0.029	-16.5938	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/06/18 14:25:43.7100	-0.2143	-17.6967	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/06/18 14:25:42.9000	-0.342	-17.64	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/06/09 15:57:48.8000	-7.008	-13.041	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/06/07 14:32:40.1600	-0.5521	-16.1461	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/05/07 15:02:24.0800	-11.2659	-14.5258	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/05/02 15:11:55.2000	0.971	-27.794	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/02/25 11:22:04.5000	0.012	-18.527	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1993/02/18 10:10:55.0000	-1.8	-12.6	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/11/04 20:31:13.0000	1	-21.7	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/11/04 05:28:33.0000	-1	-21.9	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/10/09 10:15:50.6600	-1.3555	-15.4619	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/09/15 01:25:52.6000	9.513	-40.515	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/07/16 11:33:15.6000	-0.959	-24.33	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/07/11 16:08:12.0000	-11.3	-14.3	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/06/16 02:50:37.8000	1.525	-41.566	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/04/16 18:00:02.9600	7.2529	-34.0797	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/04/03 14:41:17.0900	0.4939	-26.072	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/04/02 21:03:24.0000	9.8	-34.3	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/03/13 07:44:03.5900	-7.9857	-13.3371	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/03/06 23:41:46.0000	-12.561	-14.645	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/01/30 04:46:00.0000	-3.5	-14	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1992/01/30 04:43:17.2100	-1.5428	-12.7489	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/12/18 07:54:21.7000	-5.0748	-11.8705	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/12/10 05:50:25.9500	-5.0636	-11.5978	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/11/21 14:09:38.8600	0.3757	-28.9158	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1991/10/27 23:06:17.0000	0.5	-15.9	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/10/14 09:35:24.5700	-10.8656	-13.8115	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/10/07 08:23:42.0000	0.174	-16.683	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/10/07 08:23:42.6000	0.1055	-16.6579	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/08/29 16:33:50.2000	-6.432	-12.97	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/07/04 17:06:42.9300	8.7874	-39.4604	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/07/04 15:22:57.2400	8.7603	-39.3627	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/07/04 13:59:45.0100	8.7485	-39.4099	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/07/03 07:47:40.0000	1.13	-30.238	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/06/23 14:52:50.0000	-6.304	-12.909	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/06/23 14:52:50.9800	-6.1952	-13.03	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/06/04 23:59:22.7000	8.513	-40.814	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/05/09 19:23:20.1000	8.3575	-37.8024	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/01/19 02:08:44.0000	-5.8	-14.7	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1991/01/03 19:34:17.0000	2.4	-26.8	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1990/12/08 03:48:34.8000	2.162	-30.738	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1990/11/14 07:45:04.0000	8.4	-36.6	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1990/09/08 09:51:50.3200	-13.8695	-14.3584	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1990/08/26 21:34:15.0300	9.7958	-40.8857	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1990/07/31 04:12:47.6000	-0.5421	-14.2665	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1990/06/01 16:17:32.4000	2.547	-31.528	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1990/06/01 16:16:21.9000	3.621	-31.551	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1990/05/27 21:57:44.2000	8.469	-37.499	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1990/05/27 21:57:41.2300	8.115	-37.7005	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1990/01/09 09:20:59.5800	-0.0123	-5.9397	15	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1989/09/04 17:30:43.2500	0.1403	-24.8181	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1989/08/22 02:53:24.7000	-0.892	-15.915	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1989/08/07 19:12:25.8000	-3.89	-12.363	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1989/06/17 20:46:59.0000	-5	-23.6	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1989/04/16 08:41:00.8800	4.4938	-32.4593	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1989/04/08 00:04:44.2000	12.938	-44.938	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1989/03/31 09:22:00.9700	-1.3524	-13.5799	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1989/03/31 07:03:57.5900	-1.2258	-15.3989	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1989/03/31 07:03:48.3000	-2.99	-13.886	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/09/28 16:18:29.0000	5.2	-30.2	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/09/28 16:18:14.0700	3.9169	-31.7126	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/09/03 19:55:08.6000	8.794	-39.633	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/08/27 16:52:24.5000	-0.941	-20.93	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/08/16 23:08:40.2000	0.923	-28.009	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/07/17 18:34:42.9300	3.9621	-31.4365	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/06/22 15:22:56.8300	10.3792	-40.9594	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/06/18 22:29:08.2000	-13.666	-14.662	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/06/18 22:29:08.5700	-13.6411	-14.6036	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1988/06/09 12:32:51.4000	-1.915	-12.32	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/05/18 04:17:25.9000	13.533	-44.642	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/05/13 14:28:24.0000	6.1	-32.7	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/04/24 16:48:07.3000	2.381	-31.61	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/04/21 18:38:35.6000	1.0104	-30.2465	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/04/21 14:19:13.6000	0.8468	-30.2672	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/04/05 07:18:04.9000	-3.291	-12.225	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/03/29 23:08:44.6000	-12.539	-14.713	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1988/03/08 21:09:43.1000	2.227	-28.738	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/12/05 03:38:42.7000	-9.079	-5.112	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/11/16 15:29:12.6800	-0.0263	-17.5328	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/07/21 07:53:19.4800	4.06	-31.6065	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/06/30 10:59:38.6000	-1.07	-13.054	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/06/13 07:36:40.7000	-1.279	-15.93	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/05/28 08:15:06.4000	0.232	-17.598	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/05/28 07:19:04.6800	-0.0033	-17.71	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/04/20 21:09:59.0000	0.036	-16.778	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/04/20 21:09:59.2200	0.0488	-16.7755	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/01/14 06:44:55.1800	-5.0255	-11.6447	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/01/13 16:44:16.0000	-3.1	-11.2	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/01/13 15:57:07.6000	-5.276	-12.107	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1987/01/13 06:48:04.0000	-2.9	-15.2	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1986/08/17 06:10:14.0000	4.2	-9.7	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1986/07/19 01:23:13.9000	0.575	-29.834	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1986/06/21 15:59:39.1700	4.2884	-32.5991	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1986/06/21 15:59:38.4000	4.135	-32.602	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1986/06/18 22:57:11.0000	9.5	-30.4	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1986/06/15 17:33:09.0000	8.2	-30.9	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1986/03/09 12:08:37.0000	14.1	-43.7	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1986/02/18 16:33:23.6000	-7.362	-13.451	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/12/30 20:19:28.9000	7.424	-36.143	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/11/10 15:46:49.8000	0.858	-28.913	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/10/17 01:31:35.5000	-0.752	-12.969	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/09/28 11:42:33.3200	-0.0876	-28.9942	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/07/18 22:36:03.0000	0.3	-16.5	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/07/01 09:53:54.0000	2.9	-27	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/06/23 23:03:28.0000	12.9	-42.2	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/06/11 06:54:39.6300	-1.6763	-14.936	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/04/29 22:12:44.5600	-1.5986	-12.1291	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/04/07 20:35:09.9500	7.1645	-33.9116	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1985/02/27 22:58:18.0000	3.5	-11.6	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1984/12/06 07:33:06.6000	8.172	-38.053	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1984/11/24 16:41:27.5000	3.089	-31.144	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1984/11/22 10:26:59.0200	8.218	-39.544	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1984/11/03 21:42:54.2000	-13.898	-13.963	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1984/09/18 10:00:03.3000	-10.733	-13.132	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1984/08/10 23:29:10.0000	10.9	-47.4	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1984/03/11 19:39:28.6900	12.677	-43.9536	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1984/02/01 16:02:31.6000	-8.155	-13.359	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1983/12/01 15:48:12.5500	-1.0255	-16.4829	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1983/11/05 16:43:02.3900	0.4583	-28.9242	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1983/09/29 06:48:51.1400	-12.8401	-14.5634	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1983/07/07 11:20:05.3000	-0.072	-16.407	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1983/07/07 11:20:05.4900	-0.0796	-16.3643	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1983/04/11 20:17:10.3000	14.912	-45.226	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1983/04/09 00:46:40.7200	-1.6465	-12.6636	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1983/03/11 00:24:07.4000	-10.588	-13.034	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1983/02/18 06:46:23.6100	9.1772	-39.5875	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1983/01/13 01:03:12.6800	0.7284	-25.8932	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1982/11/28 00:33:12.0000	-0.819	-16.083	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1982/11/14 17:29:28.0000	1.2	-25.6	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1982/09/05 12:34:37.9300	7.6387	-37.6498	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1982/09/05 10:18:04.5900	-12.8666	-14.7694	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1982/08/11 09:04:36.1500	8.3408	-39.6394	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1982/06/01 09:25:41.0000	-7	-13	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1982/04/10 09:47:53.0000	12.8	-32.9	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1982/03/24 12:45:38.2500	10.5364	-43.2502	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1982/01/18 01:57:00.6700	-0.7196	-22.1688	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1982/01/05 13:45:04.0000	0	-18	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1981/11/02 16:52:53.9000	0.953	-27.079	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1981/10/31 05:19:20.1000	-0.641	-13.165	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1981/10/31 05:19:11.4000	-1.3847	-14.9082	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1981/06/18 03:19:13.1000	1.718	-30.739	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1981/06/13 15:20:28.8000	1.027	-28.108	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1981/05/18 19:35:04.8000	7.503	-36.939	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1981/03/05 00:49:00.5000	13.032	-44.645	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1981/03/03 09:21:22.0000	0.3	-16.8	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/10/30 05:24:08.1600	1.0813	-28.9848	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/09/21 00:49:05.7700	-2.8719	-11.7666	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/09/19 02:07:34.4000	3.984	-31.52	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/09/19 02:07:34.3800	3.8238	-31.4007	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/07/30 19:43:14.1300	1.7306	-30.7105	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/07/30 19:43:13.3000	1.617	-30.604	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/07/04 02:25:28.3000	4.462	-32.63	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/07/03 22:54:08.1000	4.648	-32.766	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/07/03 22:51:05.6000	4.219	-32.604	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1980/07/03 22:00:12.5800	5.0963	-32.2396	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/07/03 22:00:11.7000	4.828	-32.551	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/06/10 05:24:46.6900	-1.5778	-12.8858	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1980/05/03 07:45:56.3700	-0.9502	-14.0629	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/12/27 22:14:11.5000	8.762	-39.41	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/12/27 22:14:11.7400	8.802	-39.398	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/10/01 04:51:58.5300	-1.1125	-15.1169	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/06/28 13:00:42.7000	-0.08	-24.738	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/06/28 13:00:42.5900	-0.0199	-24.8549	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/05/30 16:19:08.5100	14.469	-44.9599	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/05/30 16:18:59.0000	12	-45	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/03/08 11:00:29.0000	-5.467	-11.552	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/02/11 10:10:05.0100	10.3741	-41.0145	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/02/11 06:18:19.0400	10.5912	-41.0799	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/01/29 09:09:39.1000	11.786	-43.7647	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/01/29 00:29:43.3600	12.1097	-43.7906	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1979/01/28 22:26:28.0500	12.0137	-43.8866	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/12/18 04:37:51.8000	8.6902	-39.4691	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/10/06 03:35:22.6600	7.6062	-36.8701	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/09/24 13:46:20.0000	0.853	-26.439	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/09/11 18:18:28.0000	12	-45	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/08/28 09:37:39.4900	-1.0997	-23.5545	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/08/20 21:21:28.0000	7	-32	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/08/17 09:24:41.4500	-11.0297	-13.1038	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/06/22 08:33:18.0000	1	-26	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/06/15 00:40:17.0000	12	-45	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/02/24 00:43:25.5300	-4.7003	-11.9933	10	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1978/01/11 03:18:55.1600	11.7076	-43.8874	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1977/09/12 13:55:54.7700	-12.3296	-15.0492	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1977/08/27 03:06:18.1900	10.9746	-42.6666	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1977/06/18 18:40:19.0900	-13.7719	-14.1548	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1977/06/18 18:40:18.9000	-13.799	-14.182	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1977/06/05 22:23:42.7400	13.4816	-44.8916	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1977/05/02 03:56:29.6300	-7.1581	-13.5694	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1977/03/04 05:15:31.7800	-0.1158	-15.9424	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1977/02/13 01:18:52.8800	9.4588	-34.3357	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1976/12/11 12:10:30.4900	8.7035	-39.4548	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1976/10/18 00:00:48.5000	8.777	-39.442	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1976/10/18 00:00:48.7900	8.7728	-39.4719	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1976/10/07 07:32:15.2400	-7.2857	-12.9923	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1976/06/22 10:06:41.8000	3.4667	-31.4044	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1976/03/16 15:33:10.8000	1.419	-27.485	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1976/02/09 14:17:52.2800	1.1271	-24.7152	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1975/12/23 15:53:56.6000	-12.383	-14.72	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1975/11/26 21:18:37.0000	7.8374	-38.9118	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1975/09/24 10:09:36.9000	-11.6605	-14.2727	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1975/08/08 01:03:02.6100	-7.8981	-13.3472	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1975/07/13 21:05:31.7000	12.082	-44.002	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1975/06/24 23:50:34.8000	3.05	-31.259	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1975/06/24 23:50:34.1800	3.0449	-31.2441	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1975/05/31 19:09:00.2000	-7.0939	-13.1269	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/12/07 10:10:46.5700	-7.2299	-27.91	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/11/29 00:44:18.4000	3.615	-31.864	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/11/29 00:44:18.6300	3.7333	-31.9394	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/10/23 10:06:48.5000	-0.731	-16.139	24	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/10/22 06:08:03.5900	14.9054	-45.0478	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/09/19 20:15:48.8400	-10.2758	-13.1253	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/08/09 02:33:40.1000	-10.462	-13.1	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/06/30 13:33:47.6300	2.9452	-31.4109	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/06/30 02:21:32.6100	1.5284	-30.8869	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/06/27 23:08:50.9500	1.7661	-30.8559	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/06/26 18:43:18.5100	10.4602	-43.7033	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/06/26 18:43:16.5000	10.68	-43.954	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/04/23 17:38:39.6000	7.394	-35.337	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/02/28 17:32:40.8000	10.924	-43.305	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/02/21 03:37:27.7700	4.861	-32.1335	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/02/21 00:13:43.2800	5.0367	-32.3757	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/02/07 01:19:27.1800	-12.3537	-14.724	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/02/07 01:19:26.9000	-12.346	-14.781	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1974/01/21 20:37:12.1000	0.117	-17.33	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/12/21 16:08:56.0000	0.071	-17.459	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/12/11 12:19:01.1500	4.483	-32.2464	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/11/25 07:33:52.3100	-3.1367	-12.1816	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/11/08 14:24:56.1000	5.7568	-31.7563	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/10/21 11:20:34.4000	4.965	-32.583	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/10/14 03:35:55.9000	5.026	-32.63	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/10/14 03:35:55.6600	4.9514	-32.675	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/10/13 22:24:01.9700	5.103	-32.5031	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/10/13 21:22:36.4000	4.9577	-32.6124	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/04/04 01:31:57.8000	-6.795	-12.008	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/03/20 09:15:31.6000	8.917	-39.676	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/03/15 07:34:47.8700	10.8402	-43.264	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/03/04 14:12:16.6200	-7.2846	-13.304	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/02/10 21:58:21.2000	-6.862	-12.274	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/02/03 04:11:23.2000	0.304	-17.77	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1973/01/14 08:55:17.5200	14.816	-45.1141	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1972/11/24 01:16:00.4800	3.6288	-33.041	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1972/10/05 05:09:50.0500	12.5228	-44.7177	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1972/08/29 19:15:19.0100	8.5707	-39.5044	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1972/08/29 19:14:21.8000	8.631	-39.406	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1972/08/27 19:38:42.8700	10.8241	-42.3071	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1972/08/04 08:00:23.8000	8.807	-39.979	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1972/05/15 12:12:43.3000	3.963	-31.602	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1972/03/22 10:11:34.8200	1.2356	-28.0686	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1972/02/11 17:14:01.5200	-1.0023	-21.5576	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1971/12/29 03:55:49.4500	7.3252	-36.0742	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1971/10/08 05:46:58.1800	12.0711	-43.8644	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1971/10/08 05:46:57.6000	12.054	-43.792	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1971/08/26 06:44:06.9700	8.7284	-39.7619	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1971/08/08 03:51:22.9000	-0.678	-22.191	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1971/04/30 03:15:35.2000	-11.429	-12.777	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1971/04/30 03:15:34.9600	-11.7201	-12.8768	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1971/03/25 11:28:21.4300	-7.4756	-13.4118	0	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1971/01/18 11:19:42.0400	1.0736	-27.8074	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/11/30 17:17:24.1000	-11.4	-14.4	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/11/27 19:47:39.9000	-14.25	-13.55	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/11/11 21:40:28.4000	-11.65	-13.79	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/11/01 22:33:45.1000	8.43	-39.59	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/11/01 22:33:44.4000	8.4	-39.5	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/09/19 04:02:19.8000	13.7	-44.1	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/09/01 16:06:02.8000	-1.7	-12.3	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/07/04 01:15:36.0000	-3.3	-12.1	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/03/31 00:07:23.6000	0.7	-30.2	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/03/30 22:25:40.0000	0.79	-30.09	71	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/03/01 21:16:53.9000	0.8	-26.8	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/03/01 21:16:53.0000	0.77	-26.76	25	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/02/09 00:02:37.8000	4.8	-32.7	33	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	1970/01/31 18:55:05.7000	-7.15	-13.11	20	mb	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2011/09/28 01:25:08.0100	-12.956	-14.305	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/09/16 06:43:17.6800	7.4622	-36.9567	20	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/08/11 01:36:45.8200	-7.008	-12.562	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/08/04 01:35:05.4600	3.875	-32.148	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/07/26 13:27:02.3700	-14.101	-14.441	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/07/07 20:59:04.1500	8.059	-38.042	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/07/07 20:59:04.4000	8.0832	-38.0474	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/07/07 09:06:12.7900	7.985	-38.062	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/05/01 04:39:32.2200	-1.2371	-14.4729	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/04/12 00:02:42.6200	5.529	-32.707	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/03/19 03:03:16.9300	-10.271	-13.096	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/02/26 22:19:41.0000	7.959	-38.846	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/12/14 19:11:41.2900	3.7612	-32.5738	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/11/17 22:33:48.8800	-6.54	-12.72	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/11/14 11:21:43.0000	-0.1682	-18.0562	23	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/09/18 11:17:19.2900	-0.478	-19.613	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/08/02 03:30:03.7400	7.0011	-34.4747	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/06/11 11:17:27.2400	4.156	-32.514	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/06/07 04:26:06.7000	1.066	-12.429	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/05/18 10:21:43.4800	-3.993	-12.075	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/03/26 09:36:56.6800	-1.3195	-15.8947	12	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/02/02 06:45:05.6800	-0.3891	-16.1083	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2010/01/04 15:36:14.6800	8.133	-37.97	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/09/20 22:07:27.8800	8.1954	-39.1736	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/09/20 06:58:03.7600	0.859	-27.745	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/07/16 15:18:02.2300	3.3497	-31.4627	12	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/07/16 15:18:01.7500	3.326	-31.461	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/07/08 20:03:49.4000	7.46	-36.314	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/07/03 06:03:36.9700	-11.708	-14.069	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/05/31 00:47:02.2800	4.548	-32.571	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/04/14 01:48:35.7300	-0.434	-19.731	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/03/22 08:02:27.3000	-12.7739	-14.5711	16	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/03/22 08:02:26.7400	-12.867	-14.56	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/03/16 01:38:02.0500	0.1849	-17.4141	12	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2009/02/24 00:46:40.5000	-0.26	-18.47	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/12/30 14:57:15.2400	14.841	-45.047	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/12/07 06:48:56.0000	13.468	-44.814	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/10/26 04:56:09.1600	-5.4959	-11.5148	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/10/21 21:12:30.9600	-10.378	-13.141	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/10/03 05:26:21.7100	7.4524	-36.7872	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/09/21 09:13:55.0400	-14.077	-13.937	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/09/19 21:17:35.1800	-7.112	-13.004	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/05/25 02:07:51.8600	-12.905	-14.651	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/05/24 13:21:31.2000	-0.3368	-18.6559	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/05/24 13:21:27.0000	-0.3158	-18.6861	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/04/25 02:43:00.9200	-1.071	-13.344	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/03/09 17:17:25.0000	0.7292	-29.8654	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/02/09 04:37:34.1600	10.708	-41.821	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/11/17 08:42:18.2200	-1.1543	-13.1331	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/11/14 15:31:49.6700	-1.122	-12.661	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/10/19 19:18:05.0400	-6.842	-12.279	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/08/22 09:17:32.8000	8.224	-39.291	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/08/19 12:59:10.5500	-5.8565	-16.7826	30	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/08/17 19:35:21.4000	-9.27	-13.6	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/08/17 16:26:40.3100	-3.015	-11.575	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/08/17 16:20:35.6700	-4.943	-10.807	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/08/16 14:44:04.0200	-3.588	-11.798	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/08/16 01:20:31.3200	-12.3661	-14.8619	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/08/16 01:20:29.4100	-12.3272	-14.8279	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/08/12 08:01:27.4500	-5.588	-11.479	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/06/08 22:01:22.8200	9.433	-40.53	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/05/06 17:44:40.4600	-7.666	-13.563	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/03/25 13:29:36.0000	-1.169	-24.134	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/03/24 13:35:24.1500	-6.043	-10.832	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/03/24 13:35:19.4000	-6.281	-11.302	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/02/13 00:58:25.1000	-4.307	-11.604	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/02/08 13:00:14.7900	9.14	-39.472	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2007/02/08 10:21:55.4500	8.7405	-39.4641	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/12/03 08:19:52.1300	-0.4384	-19.7331	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/12/03 08:19:49.8400	-0.4628	-19.7075	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/11/22 17:12:10.0600	-1.216	-24.172	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/11/17 23:42:49.1000	-11.078	-15.498	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/11/17 23:42:39.0800	-12.6414	-14.7006	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/11/07 06:14:56.5800	2.336	-32.098	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/08/10 21:01:44.2600	13.355	-45.227	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/08/01 12:01:44.1900	-6.9986	-12.721	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/08/01 12:01:41.6500	-6.9997	-12.8212	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/07/02 07:18:34.7000	-12.257	-20.527	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/06/06 01:39:12.9000	13.451	-44.787	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/05/24 17:58:04.8000	3.887	-32.078	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/05/01 22:41:51.2600	-11.434	-13.142	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/04/10 06:26:11.4200	7.4832	-36.9093	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/04/09 11:06:15.7000	-12.71	-13.5	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/03/22 15:07:53.6000	-14.104	-14.389	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/03/20 03:16:48.5000	1.084	-28.139	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/03/09 17:46:54.4400	1.084	-28.179	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/03/07 21:52:51.0000	0.666	-25.811	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/02/20 19:27:33.4200	-10.4084	-13.1329	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/02/20 19:27:31.3200	-10.3622	-13.199	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/02/18 14:59:29.5000	-1.848	-15.065	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/02/17 13:53:04.9000	-2.029	-15.02	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/02/07 16:14:34.3000	5.41	-32.832	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/02/07 16:14:23.0000	2.765	-32.854	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2005/09/14 11:01:02.3000	0.117	-17.099	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2005/01/27 23:31:03.6400	-4.615	-10.39	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2004/12/27 09:18:12.5700	7.799	-36.653	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2004/10/25 20:59:50.0500	0.923	-28.9593	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/10/20 13:17:55.5300	0.799	-28.824	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2004/09/28 13:39:50.5000	-12.799	-14.729	10	MB	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2004/09/24 10:34:51.7700	0.4182	-26.292	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2004/06/07 20:40:06.5000	-6.837	-13.385	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2004/05/31 06:59:04.9100	8.072	-39.006	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2004/05/31 06:59:04.9000	8.072	-39.006	10	MB	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2004/01/07 16:47:39.6200	10.634	-40.984	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2003/12/21 20:30:41.6300	-5.3472	-11.4342	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2003/08/16 02:05:52.4000	0.583	-25.114	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2003/07/15 14:02:24.9100	2.998	-31.252	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2003/07/15 04:29:26.3200	3.087	-31.289	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2003/07/12 15:59:21.6000	12.541	-43.959	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2003/05/29 11:24:37.4000	-0.77	-12.893	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2003/03/14 22:13:18.9000	-1.465	-15.733	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2003/02/13 08:23:47.4200	-12.8785	-14.5553	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/12/15 05:56:23.9000	10.8112	-43.2584	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/12/06 17:24:32.0100	7.302	-35.056	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/08/24 07:31:41.8800	-0.013	-17.815	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/07/11 12:44:09.5600	-1.512	-12.994	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/07/11 12:42:17.5200	-1.635	-12.928	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/07/11 12:05:26.7100	-1.653	-13.057	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/06/29 11:50:53.3200	7.42	-36.27	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/06/26 03:24:50.3100	-4.908	-12.363	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/06/26 01:25:27.6800	-4.922	-12.329	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/06/26 01:00:11.4600	-4.775	-12.336	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/06/25 20:50:43.1000	-4.864	-12.446	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/06/02 00:52:10.0900	7.604	-37.389	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/04/30 15:56:12.5300	-1.405	-24.566	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/04/14 06:35:42.9800	14.936	-45.134	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/04/11 02:47:12.4300	-12.353	-14.656	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/04/07 07:41:38.4500	-1.352	-15.344	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/03/09 02:41:50.9000	4.012	-31.562	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2002/03/05 15:19:02.2000	-10.147	-13.26	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/12/02 10:52:54.7500	-4.254	-12.273	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/12/01 17:56:17.7400	-4.392	-11.974	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/12/01 15:54:14.9700	-4.348	-12.281	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/12/01 15:54:14.9000	-4.348	-12.281	10	MB	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/12/01 15:49:09.1900	-4.34	-12.248	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/06/12 14:18:43.8200	14.593	-45.049	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/05/09 12:24:46.4800	-0.268	-18.192	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/04/01 14:51:46.1900	4.344	-32.529	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/04/01 14:51:46.9900	4.474	-32.538	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/03/08 00:54:57.4600	-6.262	-13.287	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/02/23 10:15:17.8400	13.719	-45.629	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/01/04 16:49:39.2600	-0.881	-14.297	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2001/01/04 16:49:39.4000	-0.838	-14.389	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/10/27 09:10:16.0000	-1	-21	0	Mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/10/26 03:20:52.0600	-10.41	-13.133	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/10/24 13:15:04.8900	7.742	-36.609	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/07/08 02:19:55.9100	0.079	-16.308	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/06/22 18:57:56.6600	-4.487	-12.252	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/06/12 22:44:27.2500	-5.028	-12.347	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/05/24 15:39:48.4500	13.288	-44.866	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/05/18 09:50:25.9700	-10.26	-13.183	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/01/28 15:26:35.5800	1.996	-30.651	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/01/20 10:51:17.4100	-0.235	-18.042	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/01/16 22:40:14.8000	6.8382	-33.8121	33	Mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2000/01/16 22:40:11.4400	6.825	-33.774	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1999/09/01 06:42:44.0000	4.3726	-32.2802	33	Mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1999/07/03 16:35:56.7000	7.24	-38.8918	33	Mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1999/06/24 07:30:46.0100	0.933	-28.887	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1999/03/16 14:42:59.7000	0	-18	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1999/03/03 03:58:11.2100	3.888	-31.522	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1999/03/02 14:43:35.7000	0.4549	-33.7868	33	Mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1998/11/04 00:22:09.0000	1	-29	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1998/10/22 09:59:26.6000	-5.625	-11.528	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1998/08/17 08:02:30.0000	0	-10	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1998/08/17 08:02:05.3200	-3.1907	-12.1922	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1998/06/25 05:41:09.5900	13.6503	-45.5507	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1998/06/18 04:17:55.3000	-11.6597	-13.9289	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1998/05/07 02:18:31.1700	-1.7521	-12.9417	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1998/05/01 17:17:57.0000	-3	-30	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1998/03/12 08:23:10.0000	8	-39	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1998/03/01 12:31:25.5000	-6.3217	-12.764	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/11/13 16:57:29.3000	11.234	-43.604	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/11/10 12:47:38.6000	0.0857	-16.9587	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/10/27 07:46:02.7000	-0.127	-16.656	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/09/28 13:58:10.2000	7.151	-34.273	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/09/26 14:00:06.0000	0.1206	-16.8755	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/09/22 07:34:35.0000	0.05	-16.625	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/09/01 22:59:36.0000	0	-14	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/08/26 08:43:27.6000	-7.066	-21.963	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/05/27 11:49:16.6000	-0.718	-20.976	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/05/25 10:19:10.0000	0	-32	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/05/19 20:05:37.3000	-0.059	-16.654	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/04/25 02:52:39.2000	12.64	-44.512	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1997/02/24 04:17:02.5100	10.8244	-43.5968	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/01/21 14:21:00.4000	0.879	-27.677	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1997/01/17 21:10:41.1000	0.965	-27.622	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/12/14 09:50:38.9000	12.734	-44.732	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/11/01 14:38:04.5000	-0.2802	-17.9391	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/10/31 19:38:53.4000	-0.259	-18.323	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/10/17 15:01:30.9000	-6.861	-12.752	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/10/04 07:08:16.4000	-12.383	-14.725	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/09/17 23:09:23.6000	0.81	-26.5	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/08/30 11:42:00.0000	1	-29	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/08/29 20:22:21.0000	1	-29	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/08/27 14:36:46.0000	-7	-13	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/07/31 05:48:51.0000	6	-29	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/06/08 16:07:04.0600	-12.732	-14.6647	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/04/29 22:31:16.5200	8.0744	-39.206	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/04/17 04:12:00.0000	1	-29	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/04/15 20:03:49.9600	-0.2145	-18.2104	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/02/20 18:12:38.1400	-7.9744	-13.5871	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/02/19 02:28:37.1000	-1.31	-14.15	39	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/02/14 05:42:16.8000	-13.847	-14.588	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/01/31 21:12:47.5000	-4.57	-12.159	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/01/29 10:27:19.0000	0	-14	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1996/01/29 10:27:07.9000	-0.9101	-15.929	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1995/12/02 19:21:41.3000	8.301	-39.544	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1995/12/02 19:21:41.2800	8.2756	-39.4989	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1995/11/26 17:31:02.8000	-11.283	-13.67	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1995/10/15 21:06:36.1000	7.097	-34.261	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1995/06/26 21:26:43.0000	6	-36	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1995/06/09 12:18:24.2100	-1.235	-14.1997	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1995/06/07 11:43:15.3800	-0.2566	-16.0041	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1995/04/03 12:50:43.2000	0.698	-26.129	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1995/02/17 13:13:10.7100	-4.3494	-12.4412	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1995/01/08 14:25:55.5000	-0.553	-13.761	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1994/11/16 14:01:37.2000	-11.474	-12.284	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1994/08/28 12:37:52.4000	8.608	-39.407	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1994/08/01 04:17:40.9000	12.418	-44.094	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1994/05/25 14:31:31.0000	0	-14	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1994/05/24 10:27:44.2100	-0.0629	-16.5566	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1994/05/24 10:27:43.2000	-0.183	-16.44	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1994/05/17 20:38:07.8000	-0.155	-16.451	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1994/03/27 12:30:36.5000	-0.2071	-16.2697	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1994/03/27 12:30:35.9000	-0.301	-16.187	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1994/02/27 17:17:10.1000	-4.613	-11.663	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1994/02/01 17:33:36.1000	3.9789	-32.5879	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/12/29 01:15:05.0000	-1.067	-23.082	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/12/27 03:41:30.4000	-0.124	-16.45	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/09/23 07:10:47.4800	0.0387	-16.1422	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/09/21 08:21:21.8000	0.098	-16.091	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/09/21 08:21:21.9900	0.1433	-16.1095	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/09/18 13:22:50.0000	-0.6	-18.2	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/09/14 10:05:04.7000	-1.721	-13.412	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/06/23 16:36:04.1000	7.859	-37.998	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/06/17 22:38:11.0000	1.7	-16.6	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/04/30 08:49:11.0000	7.7	-38.4	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/03/18 07:39:58.9900	-10.4935	-13.103	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/03/14 07:06:55.0000	7.981	-38.563	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/01/08 06:01:31.2000	7.391	-34.588	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1993/01/08 06:01:31.7600	7.4761	-34.5686	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/11/21 09:21:41.6300	-7.0064	-11.6705	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/10/14 17:08:07.3900	12.6145	-44.2453	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/10/14 17:08:06.9000	12.669	-44.358	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/08/24 23:53:54.9500	1.0568	-27.9908	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/08/24 23:53:53.6000	0.9	-28.095	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/07/11 10:46:38.6600	-12.288	-14.9181	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/07/11 08:41:21.0000	-12	-17.5	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/04/06 07:55:22.9500	13.3043	-44.9229	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/04/03 14:41:16.9000	0.485	-26.089	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/03/21 21:31:58.0000	3.3	-29.1	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/03/21 21:31:42.4100	2.2342	-30.7302	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/03/15 17:38:06.7100	-7.6282	-13.4704	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1992/03/13 07:44:03.2000	-8.002	-13.338	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1991/10/27 23:06:04.6000	-0.008	-16.659	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1991/10/27 23:06:04.8200	0.0202	-16.7113	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1991/10/26 05:28:23.0000	10.3	-34.8	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1991/07/21 14:38:47.8900	8.1043	-37.9707	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1991/06/15 20:23:33.0000	0.3	-24	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1991/01/03 19:33:55.8600	0.6207	-29.4267	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1990/10/04 09:11:33.7000	-0.257	-20.894	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1990/09/08 11:39:14.0000	-14.8	-16.9	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1990/09/08 09:51:49.5000	-13.964	-14.402	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1990/07/31 04:12:47.5000	-0.544	-14.266	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1990/07/30 10:04:52.5000	-4.369	-10.779	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1990/07/15 09:51:31.2000	13.328	-45.146	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1990/07/15 09:51:31.7400	13.3655	-45.1811	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1990/07/08 17:29:08.7000	-4.5288	-12.2734	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1990/04/17 14:30:03.6000	7.541	-35.549	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1990/03/16 06:37:06.0000	6.4	-33.1	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1990/03/16 06:36:56.9700	5.726	-32.8304	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/11/22 04:25:19.8500	-1.1841	-15.9366	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/11/08 11:20:48.8700	8.6975	-39.7453	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/10/17 00:58:27.8000	0.503	-24.986	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/09/19 05:43:57.9700	-0.021	-24.7115	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/09/16 23:11:41.1000	-0.0367	-24.7454	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/09/02 18:09:48.0000	-2.7	-24.3	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/08/08 20:08:46.5200	-11.5429	-14.1053	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/06/28 19:51:51.7000	-6.843	-13.091	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/04/16 08:04:30.2400	4.7155	-32.6599	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/03/31 09:22:00.9000	-1.288	-13.638	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1989/03/31 07:04:00.0000	-2.2	-13.5	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/11/21 14:02:01.7000	7.39	-35.852	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/11/21 14:02:01.8100	7.3729	-35.8123	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/11/11 05:52:38.0000	1.2	-26.2	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/08/15 09:40:56.0200	7.5003	-36.2236	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/08/15 09:40:55.7000	7.477	-36.261	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/08/05 15:09:53.0000	-1.022	-13.251	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/07/17 18:35:01.0000	5.7	-29.8	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/06/22 15:22:57.9000	10.611	-41.082	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/06/09 12:32:51.1100	-1.9084	-12.403	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/05/31 10:53:00.7000	6.513	-33.785	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/05/10 00:29:35.6100	0.6149	-30.258	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/04/28 04:24:19.3200	0.7344	-30.0388	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/04/21 18:38:34.9000	0.907	-30.298	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/04/20 07:21:31.0900	1.0715	-30.2781	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/04/20 07:21:30.8000	1.043	-30.299	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/03/26 12:22:18.6000	3.83	-32.535	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1988/02/22 01:58:54.0000	-1	-14.4	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/12/05 03:22:28.4000	8.957	-39.602	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/10/09 01:02:02.6000	1.217	-27.811	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/08/07 20:37:49.2000	-0.52	-18.113	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/07/28 08:39:45.2000	8.859	-40.211	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/07/28 08:39:45.4100	8.8552	-40.1833	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/07/28 01:44:28.0000	2.7	-25.9	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/07/21 07:53:43.0000	6.7	-30.2	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/05/20 12:22:42.0000	11.7	-45.1	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/05/20 12:22:35.1700	9.5615	-40.7515	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/05/20 12:22:34.9000	9.568	-40.763	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/05/14 06:25:47.1700	-11.3702	-13.1183	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/05/05 10:51:16.0000	0.5	-13.3	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/03/19 01:45:03.2000	-6.138	-11.438	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1987/01/15 13:01:09.9200	-5.3524	-11.4654	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1987/01/14 05:44:12.2400	-5.1289	-11.969	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/10/01 15:24:54.5800	0.9386	-29.4582	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/09/05 10:32:22.3000	-0.187	-17.932	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/08/11 19:43:27.0000	1.3	-15.8	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/07/19 21:19:50.5900	-2.3592	-12.2142	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/07/04 14:38:09.9800	10.823	-42.5826	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/06/19 12:55:43.1200	4.2794	-32.5672	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/06/15 17:32:35.6400	4.2139	-32.6521	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/05/22 15:54:04.3000	0.682	-25.459	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/04/18 08:56:33.0000	-9.2	-13.4	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/01/19 05:11:08.2400	3.8829	-32.1034	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1986/01/14 00:28:25.1300	13.9519	-44.554	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/11/10 12:40:26.0000	8.6	-31.3	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/11/10 12:38:39.2100	4.4136	-32.7191	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/10/22 08:26:55.2000	10.726	-42.043	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/10/22 08:26:55.4800	10.6917	-42.0328	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/10/01 10:51:11.0000	13.463	-45.025	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/10/01 10:39:02.0200	13.3395	-44.8539	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/09/28 11:42:32.7000	0.073	-29.081	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/09/22 18:41:16.4700	12.5148	-44.1034	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/08/22 14:42:29.0000	-10.29	-13.268	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/07/18 21:19:23.6000	0.097	-16.741	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/07/18 07:26:49.4100	-0.7759	-15.9605	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/07/15 00:33:33.6000	-0.434	-19.67	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/06/26 14:11:00.3000	1.69	-12.558	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/06/23 23:03:06.5000	9.5563	-40.5785	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/05/28 11:26:13.3700	-1.2326	-24.5225	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/05/27 18:46:14.9800	-1.4654	-24.5376	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/04/07 20:35:09.6000	7.14	-33.914	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/04/06 19:30:53.5200	7.2507	-33.8369	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1985/04/06 14:23:12.0000	1.7	-31.8	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1984/12/21 21:43:05.4000	7.39	-33.932	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1984/12/05 06:19:56.2000	7.2131	-33.9014	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1984/12/01 09:38:12.0000	-13.3	-2.2	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1984/11/24 19:37:30.2900	3.2574	-31.2882	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1984/11/22 10:26:58.9000	8.22	-39.571	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1984/11/03 21:01:43.7000	-14.12	-13.946	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1984/08/30 20:13:40.0000	11.5	-30.5	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1984/03/11 19:39:27.3000	12.673	-44.017	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1984/01/25 02:46:36.4800	10.6695	-41.0199	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1984/01/25 00:19:28.8000	8.132	-39.28	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1983/12/21 07:09:08.3900	-0.0205	-17.8333	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1983/09/30 08:31:18.3000	-7.634	-13.497	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1983/09/07 13:23:20.0000	8.1264	-38.1694	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1983/04/27 07:26:02.1000	8.224	-38.682	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1983/04/27 07:26:02.2700	8.2433	-38.6523	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1983/04/04 14:10:21.9100	5.8513	-32.8248	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1983/03/02 12:05:05.1000	4.191	-32.93	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1983/02/02 20:36:46.5700	-1.4351	-14.2927	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/12/28 06:06:50.1000	14.585	-44.895	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/12/27 23:55:30.9000	14.647	-43.685	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/12/27 20:05:27.7500	14.2449	-45.7162	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/12/27 16:23:01.4000	14.315	-44.45	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/12/27 15:50:12.6000	14.498	-45.098	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/12/04 14:04:40.2000	10.176	-41.342	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/12/03 05:49:15.3500	-14.076	-14.3906	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/11/03 13:27:38.6100	0.8229	-27.8417	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/10/08 17:17:40.2000	-12.699	-14.686	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/10/08 17:17:40.6900	-12.6336	-14.7107	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/09/14 21:18:38.7200	-7.3764	-13.4233	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/09/05 12:34:39.2000	7.698	-37.939	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/08/11 09:04:35.9000	8.309	-39.664	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/07/06 09:05:21.5000	-6.553	-11.63	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/03/24 12:45:38.8000	10.541	-42.941	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/01/30 13:01:50.0300	7.6865	-36.7731	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1982/01/30 13:01:49.8000	7.658	-36.795	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1981/10/23 06:35:21.2200	-0.9384	-13.4258	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1981/08/10 17:15:29.3100	-6.9243	-12.5966	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1981/08/10 17:15:27.8000	-6.937	-12.566	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1981/06/12 08:07:38.0600	-12.4982	-15.0654	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1981/04/27 05:10:37.5400	0.1742	-17.4744	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1981/04/12 20:23:38.1000	1.536	-30.453	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1981/03/24 06:50:00.1100	13.6139	-44.9048	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1981/02/09 15:38:10.9000	-0.074	-18.124	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1980/08/06 16:00:01.4000	-10.501	-13.09	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1980/07/09 17:17:28.2900	-3.1372	-12.1061	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1980/06/10 05:24:46.5000	-1.562	-12.899	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1980/05/06 19:52:43.3900	1.0107	-25.2962	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1980/03/06 01:32:09.1000	-7.68	-12.389	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1980/01/14 17:20:30.2300	7.5497	-34.8449	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1980/01/11 23:01:45.4400	-1.4716	-12.6037	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1980/01/11 22:55:31.0400	-2.2865	-12.4432	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/12/31 20:48:24.7700	7.2272	-33.9574	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/10/02 15:19:13.7000	-4.362	-12.251	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/10/02 15:19:11.7900	-4.3945	-12.6523	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1979/06/30 16:10:21.6800	0.0432	-24.768	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/06/29 01:53:23.4300	0.2515	-24.886	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/06/28 20:41:20.1500	0.2111	-24.9704	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/06/28 20:41:19.9000	0.296	-24.925	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/06/07 08:19:18.6000	12.091	-43.667	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/02/28 08:29:51.9000	12.163	-43.875	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/02/11 07:18:12.2700	10.5422	-40.956	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/01/29 09:09:38.8000	11.741	-43.791	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/01/29 04:51:39.5700	12.0628	-43.7764	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/01/29 00:50:36.4600	12.0679	-44.0467	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1979/01/28 23:42:44.1300	12.3558	-43.8115	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1978/12/18 04:37:51.2000	8.565	-39.45	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1978/12/18 04:28:25.4000	8.871	-39.6049	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1978/07/08 22:29:35.4000	-6.265	-11.304	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1978/07/08 22:29:34.7900	-6.3258	-11.4172	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1978/04/22 13:07:23.8000	11.952	-43.773	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1978/03/23 14:52:20.2000	7.628	-37.341	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1978/03/23 14:52:20.2900	7.6334	-37.3069	10	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1978/01/20 22:41:26.1100	-0.1009	-19.1147	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1978/01/20 13:33:10.8700	3.8296	-31.5943	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1978/01/20 13:33:09.7000	4.025	-31.354	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1977/06/27 23:28:56.6700	10.6767	-42.7987	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1977/06/27 23:28:55.8000	10.63	-42.873	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1977/06/05 22:23:42.4000	13.45	-44.883	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1977/03/04 05:15:31.9000	-0.158	-15.978	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1976/12/06 07:01:24.7100	-3.3862	-12.1173	24	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1976/11/05 20:11:42.0900	-0.3534	-17.7429	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1976/11/02 10:56:58.1000	-5.884	-11.254	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1976/10/18 01:21:56.4100	8.9284	-39.9921	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1976/08/12 00:34:19.0000	-10.427	-13.108	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1976/03/16 15:33:10.4300	1.3777	-27.5295	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1975/11/24 21:33:30.2800	-3.775	-11.979	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1975/11/05 16:55:23.9800	-14.2876	-13.5198	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1975/11/05 05:17:37.7600	7.2916	-34.2398	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1975/09/24 10:09:36.1000	-11.816	-14.173	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1975/07/29 21:13:44.8200	-1.3029	-15.0927	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1975/07/13 21:05:31.2100	12.1596	-44.0095	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1975/07/10 11:04:33.1000	-1.331	-14.085	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1975/04/27 23:38:32.6000	-1.5168	-15.6084	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1974/10/25 04:50:14.7000	-0.908	-16.154	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1974/10/25 04:39:40.9300	-0.8473	-16.0356	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1974/09/19 20:15:52.6000	-10.273	-13.09	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1974/07/01 06:58:12.9500	1.6758	-30.7845	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1974/06/27 23:08:50.1000	1.661	-30.762	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1974/03/21 13:42:32.6500	-0.1598	-18.2571	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1974/02/25 01:32:17.4900	-11.7009	-13.2962	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1974/02/21 00:13:42.9000	5.127	-32.414	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/12/02 01:28:11.6500	-10.5885	-13.0764	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/11/15 05:24:13.9800	-1.3409	-15.912	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/10/26 08:27:56.7500	5.1832	-32.7176	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/10/14 00:55:39.5100	4.7896	-32.5834	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/10/14 00:29:15.3100	4.9544	-32.1228	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/10/13 21:32:03.7200	4.8072	-32.3281	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/10/13 21:27:56.6100	4.8199	-32.3481	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/10/12 23:02:20.5000	12.1521	-43.489	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/10/09 19:06:02.5900	7.3487	-35.1406	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/05/23 10:18:00.6200	-5.0482	-11.6329	0	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/04/18 03:09:23.3000	3.998	-31.508	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/04/18 03:09:23.7600	3.9356	-31.5435	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/02/08 19:11:44.3000	-10.312	-13.098	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/01/26 01:58:10.0000	-1.196	-24.117	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/01/26 01:58:09.9400	-1.246	-24.1077	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1973/01/14 08:57:29.3200	14.8775	-45.0283	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1972/12/17 18:46:09.6900	-1.1995	-16.1239	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1972/10/05 21:42:14.1000	12.87	-44.916	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1972/01/05 05:57:26.5100	3.1671	-31.3061	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1971/10/15 21:58:40.8300	7.7123	-37.1073	43	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1971/08/26 06:44:07.0000	8.695	-39.802	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1971/08/05 10:40:23.5000	-1.136	-23.935	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1971/08/05 10:40:23.5600	-1.1767	-23.8981	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1971/07/21 03:00:33.5400	-1.5909	-14.7239	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1971/01/21 21:33:24.3000	-1.516	-12.742	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1971/01/18 11:19:41.6000	1.088	-27.848	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1971/01/01 18:45:41.4600	8.1647	-37.7777	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/11/27 19:47:39.7000	-14.3	-13.6	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/09/01 16:17:59.4000	-1.6	-12.7	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/07/30 07:15:27.6000	-0.79	-12.97	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/07/23 05:21:31.4000	6.1	-33.6	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/07/23 05:21:31.6000	6.11	-33.64	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/04/19 11:59:33.5000	0.7	-28.2	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/04/19 11:28:48.0000	12.8	-44.6	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/04/19 11:28:48.0000	12.88	-44.53	28	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/04/07 09:28:32.1000	-0.7	-24.7	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/03/31 00:07:27.0000	0.9	-30.3	60	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/03/30 22:25:36.1000	0.8	-30.2	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	1970/02/07 19:03:58.0000	1	-28.2	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1970/02/07 19:03:57.7000	1	-28.3	33	mb	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2011/09/29 00:08:05.0200	-12.901	-14.6033	16	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/09/16 06:43:16.4000	7.586	-36.956	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/08/14 01:29:37.9700	-1.3776	-14.6616	12	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/08/11 08:19:39.7000	-6.8941	-12.7366	19	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/07/09 23:17:58.4100	-7.859	-13.587	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/06/24 02:06:51.4800	0.604	-25.386	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/06/16 22:17:28.0800	7.248	-35.914	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/06/04 18:04:43.6600	-1.6	-16.146	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/05/01 04:39:33.6700	-1.222	-14.436	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/05/01 04:39:32.2000	-1.198	-14.544	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/03/26 11:38:53.0700	0.802	-29.25	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2010/12/22 04:03:43.4300	-4.966	-11.674	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2010/11/22 05:09:53.9100	7.451	-38.565	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2010/11/18 12:21:35.8200	13.217	-44.826	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2010/11/04 12:29:28.9400	12.8668	-44.8871	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2010/10/28 21:41:12.4000	-0.402	-19.97	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2010/06/07 04:25:49.4000	-0.9	-13.2	15	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2010/06/07 04:25:49.4000	-0.894	-13.225	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2010/06/03 07:43:41.1800	13.52	-44.647	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2010/03/10 08:07:37.4000	8.009	-32.948	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/12/27 23:32:43.9600	3.351	-31.499	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/09/21 23:18:31.0800	3.81	-31.482	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/07/16 15:18:11.5000	4.21	-31.57	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/07/11 01:54:32.0000	-14.046	-13.919	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/06/07 00:01:07.7700	-5.549	-11.366	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/05/13 22:23:44.4100	-5.544	-11.395	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/03/26 18:43:59.0000	-6.674	-12.814	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/03/22 12:56:21.2700	-12.4	-14.929	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/03/22 06:35:15.3800	-12.869	-14.62	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/03/22 06:06:35.9700	-12.826	-14.553	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/03/22 05:38:46.8000	-11.38	-15.308	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/03/16 01:38:01.5900	0.028	-17.458	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2009/01/02 19:42:25.3500	0.6776	-26.7403	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/12/19 14:25:05.0700	-7.061	-12.945	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/12/07 06:48:57.5800	13.378	-44.814	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/12/03 21:15:00.4300	-6.396	-11.131	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/10/26 04:56:11.0300	-5.528	-11.493	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/10/21 23:04:36.4600	0.071	-17.574	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/08/14 17:16:20.2100	8.076	-38.012	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/05/25 02:07:41.0000	-14.95	-14.454	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/05/15 00:49:15.6000	7.588	-38.316	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/04/25 02:43:12.6000	-0.01	-12.63	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/04/13 23:29:52.3700	13.4177	-44.9037	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/04/13 23:29:49.2800	13.438	-44.9109	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/02/26 14:14:30.9300	-10.296	-13.372	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2008/02/09 04:37:31.8000	10.639	-41.822	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2007/11/21 00:37:55.1300	13.359	-44.831	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2007/08/21 13:35:37.2000	8.052	-39.277	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2007/05/06 17:44:39.0000	-7.522	-13.486	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2007/03/24 13:38:21.0000	-5.693	-11.526	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2007/03/24 13:35:28.7000	-5.486	-11.535	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2007/03/07 23:01:24.5500	3.018	-31.819	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2007/01/26 21:00:46.0200	9.117	-40.476	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2007/01/15 10:11:29.6200	8.7772	-39.7502	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2007/01/15 10:11:27.7500	8.7976	-39.7223	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/12/03 08:19:51.3100	-0.538	-19.738	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/12/03 08:19:51.5000	-0.272	-20.732	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/11/22 17:12:08.9000	-1.176	-24.146	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/11/07 06:07:08.3000	4.269	-32.558	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/11/07 06:06:54.1400	2.038	-32.373	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/06/05 06:18:44.5900	1.074	-28.172	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/05/01 22:41:52.9000	-11.378	-13.157	34	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/05/01 22:41:35.6000	-14.319	-12.903	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/04/28 07:22:42.5800	3.9703	-31.4911	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/04/28 07:22:40.4300	3.9661	-31.4534	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/04/10 06:26:13.0000	7.715	-37.428	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/04/09 11:06:03.3000	-13.559	-14.681	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/03/30 03:14:39.0600	-1.2846	-15.8756	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/03/27 01:10:31.0000	7.348	-35.51	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/02/18 14:59:04.9500	-6.545	-11.063	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/02/17 13:24:04.4200	-1.6182	-15.1001	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/01/21 00:55:04.5800	8.264	-37.885	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2005/12/31 04:39:36.8500	2.433	-30.74	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2005/12/07 05:46:45.4700	-14.116	-13.826	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2005/11/16 13:42:43.5200	1.325	-28.644	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2005/06/27 14:05:06.3700	7.3751	-34.9726	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2005/06/24 13:54:33.5300	-1.0288	-13.3945	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2005/04/22 03:46:04.2700	-10.1654	-13.1638	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2005/01/29 21:01:09.0400	-1.626	-15.516	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2004/12/20 09:52:43.5800	0.721	-25.595	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2004/12/20 09:52:43.9000	0.724	-25.657	10	MB	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2004/09/28 13:39:50.5700	-12.833	-14.687	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2004/07/06 15:09:41.2600	-11.601	-13.654	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2004/07/06 15:02:54.8800	-11.776	-13.375	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2004/05/27 15:11:37.5000	-14.199	-14.427	10	MB	4.9	1.15766E+24	5.34	21.66	0.0276	127.19

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/05/27 15:11:37.5100	-14.199	-14.427	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2004/05/12 23:23:54.4300	-1.614	-15.29	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2004/05/11 23:58:52.8400	12.7478	-44.4813	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2003/12/21 20:30:41.4100	-5.383	-11.43	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2003/10/11 23:08:45.1600	-1.415	-15.046	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2003/08/16 02:05:52.1000	0.525	-25.122	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2003/06/05 13:14:23.4900	-13.728	-14.616	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2003/05/26 02:51:42.3000	-0.96	-13.855	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2003/05/25 07:27:56.5000	7.968	-38.141	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/12/15 05:56:23.8100	10.825	-43.248	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/12/06 17:24:31.6000	7.344	-35.253	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/08/24 07:31:42.0000	0.007	-17.788	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/07/13 07:05:16.4000	-13.87	-14.493	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/07/13 06:50:37.8400	-14.102	-14.143	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/06/26 06:38:13.4700	-4.742	-12.304	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/06/26 01:25:27.9000	-4.894	-12.271	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/06/25 19:55:58.8900	-4.83	-12.266	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/06/02 00:52:10.4000	7.648	-37.349	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/04/14 11:17:02.5900	11.951	-44.051	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2002/02/11 12:27:33.2400	8.105	-39.153	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2001/12/01 15:55:48.9000	-4.453	-12.267	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2001/10/28 08:20:47.7000	-7.296	-13.479	10	MB	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2001/10/28 08:20:47.7500	-7.296	-13.479	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2001/08/28 17:40:35.8500	-11.478	-13.251	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2001/06/12 14:25:35.3400	14.607	-45.093	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2001/06/12 14:25:35.4000	14.574	-44.955	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2001/06/12 14:14:40.1800	14.61	-44.98	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2001/05/09 12:24:47.8000	0.0598	-18.4406	10	Mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2001/02/23 10:15:17.4900	13.74	-45.586	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2001/02/06 21:35:17.8700	-13.985	-14.388	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2000/11/09 15:27:06.5000	12.7927	-44.8339	33	Mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2000/11/09 15:27:03.1500	12.795	-44.807	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2000/10/30 01:03:26.8800	0.7315	-25.7372	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2000/07/26 05:37:35.0000	-1	-26	0	Mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2000/04/29 15:20:14.2000	-0.5947	-15.6933	33	Mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2000/01/20 10:51:41.6000	2.0496	-16.4434	33	Mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1999/12/25 07:52:27.9500	-12.881	-14.545	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1999/07/03 16:36:04.0700	8.108	-38.106	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1999/03/03 03:58:21.7000	4	-30	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1999/02/05 04:23:08.4600	-6.645	-11.471	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1999/02/04 19:43:14.0000	1.083	-30.545	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1998/12/19 01:15:38.6000	-1.446	-13.096	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1998/12/13 20:07:52.6000	13.338	-44.949	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/12/13 17:31:59.1000	13.3535	-44.9075	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1998/10/01 03:41:16.7000	13.6683	-45.5441	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1998/08/05 07:30:54.8800	5.9025	-33.0637	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1998/07/26 03:38:42.0000	0	-17	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1998/05/01 17:18:16.9700	0.9356	-28.4845	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1998/04/12 04:09:35.9000	4.7863	-47.6995	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1998/03/29 07:15:00.5000	-0.0746	-18.0514	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1998/03/25 18:46:10.7900	-2.274	-12.2942	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1998/02/11 21:17:02.0000	13	-40	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/11/14 10:18:20.0000	0	-27	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/09/26 14:00:10.0000	0	-18	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/09/25 17:25:55.5000	0.088	-16.547	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/05/25 10:19:24.7000	3.074	-31.222	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/05/01 04:56:34.6000	-0.034	-18.155	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/03/20 02:17:13.0000	-1	-15	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/03/20 02:17:05.3100	-1.6731	-12.9554	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/03/10 14:41:35.5000	-1.755	-12.238	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/01/17 21:10:41.3000	1.065	-27.744	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/01/09 17:47:23.0000	2.014	-29.636	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1997/01/09 17:47:17.2000	0.785	-29.255	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1996/10/07 06:07:04.0000	0	-29	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1996/08/30 23:00:30.9000	-3.333	-12.039	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1996/08/30 23:00:30.6300	-3.3664	-12.0886	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1996/08/29 20:22:16.0200	1.0357	-28.1505	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1996/08/28 06:30:52.0000	0	-28	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1996/08/18 07:16:10.8600	0.6545	-30.0144	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1996/01/27 01:27:53.1000	-0.633	-14.003	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1995/07/14 01:46:29.3000	4.43	-32.72	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1995/06/09 12:18:23.8000	-1.283	-14.184	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1995/05/13 07:28:20.3400	-13.9944	-14.2462	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1995/04/23 08:23:26.8000	7.252	-34.578	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1995/04/03 12:50:43.8100	0.7478	-26.1974	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1995/04/03 12:50:32.0000	-2	-26	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1994/11/16 21:32:48.1900	-10.1752	-13.2877	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1994/10/02 00:44:20.1700	-6.9823	-13.1143	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1994/08/28 12:56:10.5000	8.6	-39.434	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1994/08/28 12:53:28.8000	8.66	-39.471	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1994/08/28 12:53:28.9800	8.6744	-39.4613	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1994/08/03 02:25:10.0800	12.4562	-43.9874	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1994/04/05 19:04:07.8000	0.038	-16.731	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1993/11/19 18:06:33.5000	-0.034	-16.557	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1993/09/30 03:30:02.9000	8.171	-37.852	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1993/09/23 14:33:16.8000	0.393	-16.216	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1993/09/23 07:10:47.3000	0.07	-16.181	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1993/09/21 09:38:29.2000	0.067	-16.255	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1993/08/11 04:26:10.2100	-2.2079	-12.4136	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1993/08/06 09:50:13.0600	-11.5283	-13.22	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1993/05/07 15:02:21.6000	-11.702	-14.256	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1993/03/18 07:39:58.7000	-10.51	-13.152	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1993/02/27 12:38:50.3000	-0.573	-19.446	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1993/02/09 12:04:58.0000	1	-28.8	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1992/11/21 09:21:41.1000	-6.973	-11.737	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1992/10/09 09:35:05.0000	1	-17.5	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1992/07/23 23:32:01.0000	-12.5	-16.9	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1992/07/11 10:46:37.0000	-12.571	-14.744	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1992/05/24 00:18:30.0000	-7.6	-12.2	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1992/04/02 21:03:03.0000	6	-32.6	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1992/03/21 21:31:42.3000	2.286	-30.742	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1992/03/15 17:38:06.7000	-7.622	-13.424	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1991/12/18 07:54:21.7000	-5.068	-11.865	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1991/09/15 15:10:31.6200	-1.6796	-12.9148	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1991/07/18 05:54:05.6000	-1.254	-23.978	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1991/07/04 18:40:20.7500	8.7671	-39.485	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1991/06/11 20:24:44.6300	-0.033	-16.7628	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1990/12/28 04:15:39.8000	-1.125	-24.442	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1990/11/14 07:44:55.1800	7.4574	-35.9229	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1990/11/13 20:13:29.1900	-0.0469	-16.8138	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1990/10/04 09:11:33.8200	-0.2855	-20.8771	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1990/08/26 21:51:21.5800	9.5569	-40.5998	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/12/30 20:16:25.0000	2.9	-27.1	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/12/30 20:16:01.9000	0.993	-30.18	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/12/09 21:15:06.0000	1.097	-30.315	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/11/15 04:16:14.0000	0	-18.9	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/09/19 05:43:58.0000	-0.01	-24.702	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/08/12 17:18:37.1800	-7.2333	-12.6975	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/08/12 17:18:36.9000	-7.259	-12.7	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/08/08 20:17:57.5300	-11.618	-14.2323	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/08/08 20:08:45.9000	-11.598	-14.175	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/04/16 09:29:16.7000	4.936	-32.408	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/04/16 09:29:16.8900	4.9296	-32.4132	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/03/31 09:22:05.0000	-0.7	-14.4	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1989/03/08 11:01:01.0000	1.3	-26.4	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/12/04 11:26:42.1600	-14.458	-13.6229	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/11/21 05:30:51.6000	-1.368	-15.094	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/11/21 05:30:51.6600	-1.4095	-15.0842	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/11/11 05:52:28.1500	0.8513	-27.4408	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1988/11/11 05:52:27.9000	0.813	-27.437	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/10/05 13:51:15.6000	10.869	-43.627	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/09/30 03:00:36.8000	-1.295	-14.472	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/09/28 16:18:14.9000	3.705	-31.613	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/09/20 21:58:35.8000	-12.4515	-14.8992	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/07/17 18:34:48.0000	5.1	-32.4	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/03/17 22:41:58.0000	5.3	-31.2	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1988/01/30 22:26:50.0000	6	-35.4	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/11/13 00:13:30.8000	-1.18	-15.938	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/10/02 11:27:08.0400	0.8831	-28.4429	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/09/27 22:41:11.2000	0.388	-17.431	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/09/20 05:08:24.0000	6.9	-30.2	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/09/20 05:07:57.6800	4.3509	-32.519	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/08/07 20:37:49.8600	-0.4135	-18.1333	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/06/10 16:36:33.0000	1.7	-30.9	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/06/07 14:49:29.0000	3.8	-15.3	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/06/01 02:53:29.4000	8.097	-38.026	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/05/20 12:16:08.0800	9.5403	-40.8436	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/01/17 11:41:29.7700	6.1244	-33.0975	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/01/14 06:44:55.0000	-4.96	-11.666	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/01/14 05:44:12.0000	-5.145	-11.97	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/01/13 20:57:33.4500	-5.3463	-11.414	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/01/13 16:44:02.0500	-5.0423	-11.5338	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/01/13 16:44:01.7000	-5.056	-11.509	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/01/13 15:17:59.5500	-5.2164	-11.4418	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1987/01/11 10:39:10.1000	-3.137	-12.231	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/10/01 15:24:54.7000	1.059	-29.554	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/07/19 21:19:32.6000	-4.721	-13.741	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/06/24 23:34:59.8000	-0.208	-17.859	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/06/19 12:55:42.8000	4.277	-32.599	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/06/18 22:56:28.9000	4.38	-32.639	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/06/17 08:48:52.0000	7.5	-28.9	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/06/15 23:58:44.3000	0.831	-26.805	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/06/15 23:58:44.5800	0.8482	-26.8081	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/03/09 12:08:16.1100	12.6784	-44.3932	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/03/09 12:07:45.0000	8.2	-47.2	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/01/30 20:42:23.0000	1.6	-29.7	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/01/19 05:11:12.0000	3.7	-32	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1986/01/19 05:11:08.0000	3.894	-32.12	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1985/10/25 13:35:13.2000	10.157	-44.074	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1985/08/22 14:42:27.4000	-10.09	-13.8	3	Mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1985/07/18 22:35:56.6200	0.255	-16.7887	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1985/05/27 18:46:14.6000	-1.457	-24.488	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1985/05/23 19:06:16.6300	7.3808	-36.2256	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1985/04/06 14:23:33.6800	7.1485	-33.8547	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1985/02/27 22:57:40.4000	-1.316	-14.568	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/12/20 23:31:59.0000	10.7	-28.5	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/12/05 06:19:56.0000	7.207	-33.911	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/10/18 11:52:43.8000	7.265	-33.771	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/07/26 11:17:40.1000	3.353	-31.337	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/06/22 01:04:22.0000	0.715	-30.41	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/05/06 20:56:55.4800	12.0519	-44.0358	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/02/01 16:04:27.5900	-8.5998	-13.6582	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/01/25 07:17:58.9400	8.7444	-39.8998	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/01/25 06:59:00.4900	8.6203	-39.5093	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/01/25 02:46:36.0000	10.735	-40.995	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1984/01/25 00:26:56.8900	8.8295	-39.4114	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1983/12/12 17:29:52.1000	8.637	-39.363	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1983/12/12 17:29:52.3400	8.6404	-39.3467	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1983/09/09 08:22:46.8000	0.727	-28.595	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1983/09/09 08:22:41.0000	-1	-29.2	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1983/04/24 20:11:24.2000	-1.3142	-13.9097	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1983/04/09 00:46:41.2000	-1.605	-12.542	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1983/04/04 16:22:58.2400	5.9094	-32.9265	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1983/02/18 06:46:23.5000	9.07	-39.58	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1983/02/02 20:36:47.5000	-1.354	-14.168	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1983/01/13 01:03:12.4000	0.774	-25.908	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1982/12/27 17:54:53.1900	14.5233	-45.1118	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1982/09/14 21:18:38.6000	-7.381	-13.427	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1982/09/05 11:29:31.0000	-7	-13	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1982/09/05 11:28:54.9700	-12.4717	-14.6189	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1982/09/05 10:18:04.3000	-13.199	-14.962	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1982/08/12 08:42:06.0000	0.2	-17.6	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1982/07/23 02:53:38.0000	1	-26	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1982/01/01 07:59:39.6800	0.329	-27.8723	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/11/10 00:34:29.8000	-4.996	-12.044	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/10/17 08:30:01.4000	1.001	-29.404	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/09/22 06:29:22.4600	-1.0956	-24.5465	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/08/02 18:08:24.9000	-7.644	-13.549	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/07/24 12:22:59.1000	0.03	-19.282	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/06/18 18:26:03.6000	1.596	-30.556	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/06/13 15:20:29.3200	1.1415	-28.0946	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/05/18 04:16:01.6000	-14.074	-13.855	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/04/17 02:56:26.3400	3.3282	-31.4832	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/04/12 20:32:16.6800	1.8396	-30.6023	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/04/12 20:23:37.4300	1.5647	-30.4364	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1981/03/15 17:07:37.3000	0.5969	-25.8259	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/03/05 22:44:05.0000	-0.1	-33.6	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/03/05 00:49:00.0400	12.8431	-44.5864	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1981/02/09 15:38:10.8400	-0.0458	-18.2054	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1980/12/04 00:21:11.0000	4	-33	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1980/07/29 20:35:36.2300	13.4394	-44.9425	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1980/01/22 04:06:46.3400	-1.4396	-15.6705	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1980/01/11 23:01:45.5000	-1.425	-12.616	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1980/01/11 22:39:10.0000	2.1	-11.4	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/12/31 20:48:23.7000	7.048	-33.943	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/08/30 11:15:43.3900	9.92	-40.8932	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/06/29 01:53:23.8000	0.162	-24.892	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/06/28 07:30:24.9000	0.019	-24.971	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/05/21 08:19:10.3600	7.1046	-33.9967	12	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/05/21 08:19:02.0000	4	-33	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/03/08 11:07:01.5300	-5.3687	-11.4938	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/02/26 06:27:54.1700	12.6525	-43.965	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/02/22 18:31:06.0000	0	-18	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/02/11 07:18:12.4000	10.557	-41.015	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/01/29 04:51:53.0000	15	-45	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/01/29 04:51:39.0000	11.994	-43.785	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/01/29 00:29:40.5000	11.883	-43.741	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1979/01/28 19:19:35.0000	12	-45	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1978/12/18 04:28:25.3000	8.768	-39.373	10	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1978/03/17 10:34:01.5100	0.1721	-12.2564	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1978/03/15 21:50:06.0000	-1.591	-12.975	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1978/03/15 21:50:04.4800	-1.5903	-12.7858	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1978/01/20 22:41:17.0000	-2	-18	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1977/12/28 14:50:04.3000	0.737	-25.998	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1977/12/28 14:50:04.3900	0.7587	-26.0134	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1977/06/15 00:09:50.0000	-13.9485	-14.376	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1977/06/15 00:09:49.0000	-14.056	-14.414	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1977/05/08 15:26:25.5000	13.463	-44.907	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1977/05/08 15:26:25.2700	13.2782	-44.9378	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1977/04/09 04:44:31.1000	-5.1208	-11.5286	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1977/03/07 10:39:20.9000	7.432	-35.987	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1976/12/06 07:01:26.1000	-3.406	-12.058	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1976/10/07 07:33:16.3000	-7.539	-13.306	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1976/10/07 07:33:16.3600	-7.5397	-13.3108	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1976/08/16 01:29:49.9000	-0.764	-15.968	42	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1976/08/16 01:29:49.3200	-0.8057	-15.9632	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1976/08/12 00:34:16.8300	-10.4453	-13.1146	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1976/07/02 20:04:51.7000	8.675	-39.41	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1976/07/02 20:04:51.7200	8.6569	-39.4188	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1976/02/23 07:46:06.5000	7.965	-38.007	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1975/12/23 15:53:58.8400	-12.7701	-14.7154	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1975/11/26 21:18:35.8000	7.844	-38.86	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1975/07/10 11:04:29.8000	-1.5628	-14.7387	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1975/05/31 19:09:00.3000	-7.144	-13.117	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1975/04/13 09:07:24.6000	0.449	-24.359	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1975/04/13 09:07:24.6600	0.4864	-24.2972	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1975/01/07 08:31:16.1700	-0.9193	-15.8804	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/12/04 02:35:59.2800	-7.7208	-13.4759	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/12/04 02:35:58.9000	-7.742	-13.515	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/11/20 16:27:41.9400	-2.4616	-28.0184	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/11/02 01:03:39.0000	10.328	-40.9234	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/10/23 11:46:55.5500	-1.0556	-16.0562	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/08/12 14:17:03.9700	-0.2663	-16.533	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/06/20 02:44:19.7500	3.1131	-31.2702	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/06/04 15:14:05.5000	10.8158	-42.5623	51	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/03/30 08:25:17.8100	3.9655	-32.2448	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/03/21 13:42:31.8000	-0.204	-18.225	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1974/02/10 04:04:31.2000	-4.765	-12.283	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/12/12 06:56:55.9500	1.4941	-30.5139	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/12/02 01:28:11.6000	-10.516	-13.095	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/10/14 09:56:15.3300	5.123	-32.7512	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/10/14 02:37:15.0600	5.1981	-32.648	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/10/13 23:22:19.6100	4.9759	-32.5327	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/10/13 23:19:06.8500	4.9021	-32.6612	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/10/13 22:30:48.2600	5.0912	-32.6506	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/10/13 22:30:47.9000	5.047	-32.578	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/10/12 23:02:20.6000	12.016	-43.658	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/10/09 19:06:02.0000	7.431	-35.171	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/08/22 22:15:22.0000	1	-24.7	0	MB	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/04/03 20:04:51.0400	7.4977	-36.3193	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1973/04/02 19:25:00.0500	7.274	-34.3513	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1972/12/17 18:46:10.0000	-1.233	-16.126	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1972/11/23 01:07:05.1700	-0.2635	-15.8971	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1972/11/23 01:07:04.9000	-0.263	-15.906	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1972/08/29 22:05:27.1000	8.46	-39.474	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1972/08/29 22:05:27.7500	8.5483	-39.3974	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1972/05/07 16:52:40.3000	13.598	-45.281	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1972/05/07 16:52:39.4500	13.5894	-45.123	29	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1972/02/11 17:14:03.7000	-0.937	-21.547	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1972/01/05 05:57:26.6000	3.327	-31.339	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1971/03/20 07:45:08.9000	-1.4023	-13.6321	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1971/01/14 11:18:10.9500	11.2893	-43.7121	0	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1971/01/01 18:45:40.7000	8.057	-37.717	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1970/11/11 21:40:26.8000	-11.6	-13.9	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1970/10/31 11:21:24.2000	3.3	-31.22	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1970/10/31 11:21:23.8000	3.4	-31.2	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1970/08/23 03:35:01.3000	-7.1	-11.9	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1970/07/30 07:15:26.8000	-0.9	-13.1	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1970/06/29 18:03:24.0000	-0.1	-17.86	82	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	1970/01/31 18:55:08.5000	-7.1	-12.9	33	mb	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2011/09/29 00:08:03.9000	-12.95	-14.516	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2011/09/21 18:23:19.6600	4.489	-32.643	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2011/08/14 01:29:39.8300	-1.3727	-14.6631	12	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2011/08/11 08:19:41.4700	-7.0209	-12.7648	19	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2011/07/09 23:47:27.7000	-7.771	-13.496	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2011/06/02 12:30:25.5000	-11.576	-13.319	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2011/03/19 18:30:28.6500	-10.277	-13.184	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2010/12/14 19:11:41.4800	3.824	-32.563	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2010/11/27 02:44:52.6900	10.293	-43.128	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2010/11/27 02:44:37.1100	8.017	-44.13	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2010/10/28 21:41:14.0500	-0.456	-19.984	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2010/09/13 02:48:07.1800	0.735	-29.039	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2010/06/03 07:43:40.1000	13.542	-44.832	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/09/20 22:07:27.7400	8.238	-39.072	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/07/18 17:06:33.7700	0.8069	-29.2501	12	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/07/02 03:20:47.0900	-11.6739	-14.0916	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/06/24 11:12:22.6100	0.1913	-16.8909	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/04/08 08:22:59.1200	8.0924	-37.9589	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/03/27 10:00:45.2000	-12.748	-14.584	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/03/26 19:13:36.4200	-6.86	-12.424	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/03/26 18:43:48.7300	-7.008	-12.4237	19	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/03/22 12:54:51.0700	-12.6213	-14.6136	16	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/03/22 08:02:31.0000	-12.395	-14.473	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/03/22 06:06:30.6000	-14.415	-14.742	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/03/22 05:52:27.8600	-12.887	-14.4755	16	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/03/16 01:37:59.8000	0.043	-17.373	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/02/24 00:46:40.4200	-0.255	-18.315	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/01/02 20:14:29.4000	0.826	-27.076	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/01/02 19:42:28.3300	0.6349	-26.8404	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2009/01/02 19:42:27.3000	0.896	-26.523	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2008/12/13 17:21:14.3000	8.012	-38.022	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2008/12/13 17:21:14.6000	8.0284	-38.0299	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2008/07/11 09:28:17.8300	-11.598	-14.486	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2008/05/24 13:21:29.8900	-0.304	-18.813	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/04/25 02:42:59.5000	-0.95	-13.357	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2008/03/09 17:17:24.5800	0.718	-29.933	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2008/03/09 17:17:15.7000	-0.91	-30.3	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/11/17 08:42:19.7800	-1.193	-13.162	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/08/22 09:06:50.2000	8.128	-39.491	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/08/21 16:36:45.4800	7.9913	-38.9926	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/08/21 16:36:43.6400	8.0297	-38.9669	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/08/20 12:37:05.3100	-0.1329	-18.278	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/08/19 12:59:31.5000	-4.382	-11.361	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/08/16 01:20:44.6000	-11.11	-13.4	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/08/11 06:32:54.5000	-5.545	-11.546	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/08/08 01:01:40.9200	0.9221	-29.0589	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/04/26 01:06:48.5000	-11.91	-12.06	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/02/13 00:58:19.4400	-4.768	-12.439	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/02/08 14:32:10.0400	8.16	-39.285	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/02/08 14:32:09.4000	8.122	-39.659	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/02/08 12:05:35.9000	8.762	-39.422	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/01/15 10:11:27.8000	8.81	-39.79	0	Mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2006/06/05 06:18:42.5000	1.07	-28.143	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2006/04/28 07:22:42.0300	3.924	-31.511	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2006/04/08 22:03:04.6000	-0.1865	-18.0947	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2006/03/30 03:14:40.7400	-1.311	-15.921	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2006/03/27 01:10:30.2400	7.0961	-34.1756	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2006/03/09 17:46:52.8000	1.079	-28.099	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2006/03/04 00:53:29.9500	1.1214	-27.832	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2005/10/02 06:54:58.1500	0.841	-29.652	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2005/09/17 10:35:56.5000	0.865	-29.146	17	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2005/03/28 00:01:28.8300	-0.2919	-20.7084	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2004/10/25 20:59:51.4200	0.853	-28.991	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2004/09/24 10:34:53.5400	0.456	-26.403	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2004/09/24 10:34:51.1000	0.85	-26.002	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2004/05/12 23:23:52.0000	-1.81	-15.335	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2004/05/11 23:58:52.4000	12.7	-44.5	10	mB	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2004/04/19 08:14:10.0800	3.7737	-32.256	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2004/03/17 06:40:57.1700	-7.043	-13.012	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2004/03/12 20:30:46.9300	5.595	-32.956	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2004/03/03 20:24:42.6100	-0.6499	-16.1179	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2003/11/09 22:56:25.6000	-0.48	-19.575	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2003/11/05 22:20:15.3500	7.0837	-33.7308	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2003/09/21 23:15:12.1300	-1.0221	-14.1109	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2003/08/06 19:55:35.6800	7.659	-36.681	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2003/07/15 14:02:25.1000	2.995	-31.323	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2003/06/06 06:59:44.2600	-0.721	-16.086	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2003/06/05 13:14:24.9000	-13.403	-14.856	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2003/04/04 22:38:30.1000	7.79	-34.211	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2002/06/29 11:50:53.3000	7.474	-36.309	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2002/06/26 01:00:11.6000	-4.757	-12.328	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2002/05/13 13:20:48.5000	-12.501	-14.768	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2002/05/13 13:20:48.4300	-12.499	-14.717	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2002/04/14 06:35:42.9000	14.916	-45.138	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2002/03/07 07:10:14.0600	-1.251	-24.51	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2001/12/02 10:52:53.8000	-4.432	-12.172	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2001/12/01 20:52:01.0000	-4.354	-12.18	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2001/08/28 17:40:35.8000	-11.531	-13.338	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2001/07/30 19:50:09.6900	-3.286	-12.183	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2001/07/28 11:20:38.4000	0.925	-26.46	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2001/05/14 18:05:04.0800	-7.347	-13.429	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2001/03/31 19:43:23.8500	-10.354	-13.124	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2001/01/05 11:54:12.6200	-0.892	-21.993	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2000/10/29 06:05:27.6200	0.699	-28.057	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2000/09/10 21:37:43.5800	-1.871	-13.016	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2000/08/31 20:30:08.7600	1.237	-26.691	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2000/06/16 17:58:52.1000	-10.052	-11.535	10	Mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2000/04/29 15:20:20.0000	0	-14	0	Mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2000/04/29 15:20:06.6700	-1.164	-15.871	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2000/04/29 15:17:10.2200	-1.272	-15.922	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1999/09/01 06:42:34.0000	3	-34	0	Mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1999/06/24 07:30:49.5000	0.8365	-28.6803	33	Mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1999/06/24 07:30:45.4000	0.853	-28.875	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1999/03/31 09:01:12.1000	-12.1888	-14.763	33	Mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1999/03/16 14:43:02.6000	0.8	-17.45	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1999/03/16 14:42:54.3600	0.029	-16.807	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1999/03/16 14:42:54.5200	0.049	-16.835	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1999/03/16 14:42:53.4000	-0.1479	-16.7243	10	Mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1999/02/05 04:23:08.2200	-6.661	-11.432	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1999/02/04 19:43:14.5000	1.181	-30.564	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1998/05/07 02:18:29.6000	-1.778	-12.945	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1998/04/12 04:10:07.0000	9	-45	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1998/03/25 18:46:10.6000	-2.3	-12.357	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1998/02/11 21:16:37.8300	10.6914	-41.4157	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1997/12/01 00:10:32.8000	11.205	-43.663	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1997/09/01 12:36:55.0000	1	-14	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1997/05/03 23:33:17.0000	-15	-11	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1997/04/26 01:03:33.6000	-0.05	-16.602	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1997/03/20 02:17:05.4000	-1.648	-12.999	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1996/12/10 09:23:25.6500	0.7959	-29.5935	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/11/28 21:26:02.1900	-0.6751	-24.5872	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1996/08/18 07:16:10.8000	0.696	-30.021	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1996/07/15 06:01:06.1000	-3.95	-13.17	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1996/06/08 16:07:02.7000	-12.54	-15.8	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1996/04/29 22:31:30.0000	9	-40	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1996/02/08 22:11:40.5000	1.61	-26.24	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1995/06/09 12:18:26.7000	-0.82	-14.21	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1994/11/22 17:10:24.2000	-0.23	-16.211	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1994/11/16 21:34:52.1600	-10.1859	-13.2321	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1994/08/03 02:25:11.0000	12.52	-44	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1994/08/03 02:25:09.8000	12.446	-43.984	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1993/09/04 04:35:01.5700	-0.0609	-16.5853	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1993/08/11 04:26:09.9000	-2.274	-12.41	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1993/08/11 01:36:47.7000	-2.425	-12.362	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1993/08/11 01:36:47.9700	-2.4206	-12.354	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1993/08/06 09:50:12.8000	-11.556	-13.236	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1993/06/17 22:38:11.0000	0.4	-16.3	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1993/05/02 15:12:16.2000	2.62	-24.32	3	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1993/02/04 18:04:28.0000	-1.286	-24.277	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1993/02/04 18:04:28.3300	-1.2521	-24.328	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1992/11/04 20:31:04.0000	-0.59	-17.466	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1992/09/15 04:07:26.4000	-12.295	-14.776	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1992/04/06 07:55:22.6000	13.31	-44.892	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1992/01/30 04:46:08.3000	-1.742	-12.841	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1991/11/19 11:56:39.0500	8.5033	-39.4694	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1991/08/29 16:59:49.0000	-6.988	-12.677	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1991/07/21 14:38:49.0000	7.7	-38.4	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1991/01/19 02:08:52.4000	-3.41	-12.122	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1990/11/13 20:13:29.3000	-0.062	-16.671	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1990/09/08 11:39:19.8000	-13.972	-14.506	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1990/08/26 21:51:26.0000	9.6	-41	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1990/07/30 10:06:16.0400	-4.1509	-10.9394	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/12/31 18:31:49.0000	10.3	-34.7	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/12/09 21:15:06.2600	1.1126	-30.2844	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/10/18 10:54:00.0000	14.7	-43	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/10/18 10:53:48.4100	14.5853	-44.9218	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/10/18 10:40:58.5000	14.644	-45.204	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/09/02 22:00:44.0000	1.2	-22.5	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/08/31 11:04:59.0000	-0.5	-17.1	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/08/08 20:17:57.5000	-11.592	-14.214	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/06/17 20:47:14.7000	-1.458	-24.1482	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/03/31 06:50:43.0000	-1	-16.5	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1989/03/08 18:40:02.0000	5.2	-30.2	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1989/03/08 11:00:55.9000	3.1994	-31.266	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1988/12/04 11:26:42.0000	-14.433	-13.651	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1987/11/13 00:13:30.8500	-1.1905	-15.9434	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1987/10/02 11:27:09.0000	0.3	-30.4	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1987/09/27 22:41:11.6000	0.4221	-17.4103	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1987/08/06 23:11:45.0000	2.9	-27.1	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1987/07/28 01:44:18.8000	1.5	-25.71	33	Mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1987/07/28 01:44:09.9000	0.658	-25.998	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1987/05/05 10:50:55.3000	-0.003	-19.152	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1987/05/05 10:50:55.5300	0.0309	-19.1311	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1987/01/13 15:17:59.3000	-5.228	-11.428	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1987/01/13 06:47:49.0000	-5.5	-11.8	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1986/12/29 12:39:59.0000	3.7	-15.5	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1986/08/17 06:09:29.6000	-1.2164	-13.1091	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1986/07/05 10:22:09.1000	-0.394	-16.127	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1986/07/05 10:22:02.0000	-2	-14.4	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1986/05/21 01:45:02.0000	10.7	-24.5	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1986/05/09 19:59:23.0000	7.488	-36.312	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1986/05/09 19:59:23.5000	7.4805	-36.2225	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1986/04/18 08:56:56.7100	-4.8955	-11.541	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1986/03/09 12:08:15.7000	12.656	-44.435	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1986/01/14 00:26:24.1000	13.44	-44.869	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1985/11/10 12:38:45.7000	5.849	-33.068	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1985/10/01 10:39:01.7000	13.33	-44.844	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1985/09/25 10:37:44.4000	12.523	-44.32	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1985/09/23 17:29:15.0000	-12.7	-13.5	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1985/07/01 09:53:35.9000	0.867	-26.803	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1985/06/23 23:03:05.9000	9.496	-40.602	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1985/04/06 14:23:33.5000	7.161	-33.853	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1984/12/05 13:39:23.4000	-1.272	-13.947	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1984/10/09 11:23:15.0000	-1.4	-18.2	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1984/06/22 01:04:19.3000	-0.78	-28.84	3	Mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1984/01/25 06:58:59.4000	8.633	-39.392	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1983/12/21 07:09:08.1000	-0.055	-17.873	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1983/11/22 05:31:24.5000	-1.32	-15.827	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1983/09/29 06:48:50.2000	-12.773	-14.607	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1983/09/08 20:36:12.8000	0.175	-16.961	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1983/08/22 12:38:21.5200	7.1638	-34.3689	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1983/04/04 14:10:21.6000	5.857	-32.835	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1983/03/02 12:06:17.5000	3.841	-32.602	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1982/12/27 20:05:27.7000	14.254	-45.705	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1982/12/27 17:54:53.0000	14.505	-45.136	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1982/12/02 03:20:30.0000	1.2	-25.6	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1982/10/10 12:25:46.7900	0.9867	-28.7986	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1982/10/01 05:35:47.6900	-1.5989	-15.6247	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1982/08/30 11:20:22.5900	-0.02	-17.6796	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1982/02/23 12:30:47.5000	8.025	-39.444	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1982/01/06 06:32:17.2300	-5.7284	-11.6332	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/10/17 08:30:01.4900	1.0043	-29.4016	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/09/22 06:29:22.3000	-1.142	-24.496	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/06/30 19:20:55.1000	1.4925	-30.5691	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/06/30 19:20:54.5000	1.366	-30.607	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/06/18 18:26:18.0000	4	-33	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/06/18 18:26:04.1100	1.6665	-30.5568	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/06/18 16:17:20.1000	1.703	-30.581	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/06/12 08:07:35.7000	-12.923	-14.777	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/04/12 20:32:16.1000	1.778	-30.63	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/03/24 06:49:59.9000	13.585	-44.966	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/03/08 13:35:43.8000	-0.205	-24.586	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/03/03 09:21:06.8000	-0.415	-19.778	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/02/27 01:13:04.3000	8.191	-38.115	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1981/02/27 01:13:04.5000	8.2161	-38.0777	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1980/08/13 20:45:44.0000	5	-45	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1980/07/29 20:35:35.7000	13.451	-44.909	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1980/01/22 04:06:45.4000	-1.444	-15.596	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1980/01/14 17:20:30.2000	7.471	-34.796	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1979/11/14 22:04:50.3300	0.9051	-27.1065	3	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1979/08/30 11:15:43.0000	10.006	-40.804	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1979/06/28 07:30:37.7000	1.33	-24.31	32	MB	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1979/03/08 11:07:00.7000	-5.401	-11.493	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1979/02/13 01:51:03.0000	12	-45	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1979/02/11 09:06:52.0000	12	-45	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1979/01/29 00:50:34.6000	12.376	-43.778	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1979/01/28 22:21:48.0100	12.3936	-44.9464	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1978/06/15 00:40:12.0000	10.8142	-43.2473	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1978/06/15 00:40:11.2000	10.805	-43.253	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1978/02/24 00:43:22.9000	-4.671	-12.312	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1978/02/11 01:26:26.7600	5.7206	-32.8911	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1978/01/28 02:02:37.8000	0.74	-27.072	10	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1977/07/30 07:31:06.5700	-3.2462	-12.2446	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1977/06/18 20:38:46.5100	-13.7753	-14.5588	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1977/04/09 04:44:29.6000	-5.168	-11.485	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1977/03/07 10:39:21.3700	7.4835	-36.0413	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1977/01/31 02:16:57.6800	-1.2654	-23.5016	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1977/01/25 06:34:55.1000	7.618	-37.185	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1976/10/23 19:59:08.6000	-5.713	-11.269	46	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1976/10/17 23:56:42.3300	8.6548	-39.3269	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1976/10/07 10:03:26.6900	-8.0204	-13.0212	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1976/10/07 07:29:12.5200	-7.3248	-13.091	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1976/09/24 20:45:02.9000	0.836	-28.448	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1976/09/24 20:45:02.8000	0.9172	-28.4711	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1976/08/16 01:29:54.0000	0	-15.6	0	MB	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1976/08/12 00:35:59.4700	-10.4349	-13.2348	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1976/07/17 04:14:12.3900	-6.9755	-12.0925	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1976/05/04 04:09:23.1800	8.2253	-38.1716	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1976/02/23 07:46:06.5600	8.0061	-37.9616	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1975/11/24 21:33:30.0000	-3.75	-11.985	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1975/10/13 11:57:40.2000	-0.916	-22.052	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1975/10/13 11:57:38.3400	-0.8324	-22.0684	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1975/07/29 21:13:46.0000	-0.7	-15.8	0	MB	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1975/07/29 21:13:44.7000	-1.284	-15.086	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1975/01/07 08:31:14.7000	-0.871	-15.952	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1974/12/10 16:03:12.9000	-13.829	-14.763	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1974/11/20 16:27:39.8000	-2.892	-27.992	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1974/09/24 01:57:44.6900	13.6609	-44.9274	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1974/07/01 06:58:12.4000	1.596	-30.742	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1974/03/30 08:25:17.4000	3.902	-32.173	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1973/11/19 16:38:15.2600	5.0375	-32.5752	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1973/10/14 09:56:14.8000	5.086	-32.688	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1973/08/22 22:15:15.1000	0.5827	-25.4824	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1973/01/14 08:57:28.5000	14.773	-45.089	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1972/12/17 20:52:58.7400	-1.3891	-15.8991	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1972/10/29 03:09:19.5300	7.7061	-36.7644	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1972/10/05 05:09:49.7000	12.498	-44.653	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1972/09/16 13:53:31.3200	-0.8994	-12.9703	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1972/06/26 16:31:08.5300	4.5744	-32.6502	30	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1972/02/05 04:18:43.0000	14.5594	-45.0748	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1972/02/05 04:18:42.4000	14.583	-45.087	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1971/07/11 05:30:53.1600	-0.8741	-13.3027	0	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1971/03/25 11:28:17.1000	-7.617	-13.464	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1971/03/22 10:19:04.0900	-0.0809	-17.8788	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1971/03/20 07:45:05.2000	-1.409	-13.711	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1971/01/26 14:05:57.8800	3.4944	-31.4992	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1971/01/14 11:18:12.2000	11.275	-43.686	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1970/09/01 15:26:36.9000	-1.6	-12.8	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1970/06/29 18:03:18.6000	-0.1	-17.9	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1970/04/07 09:28:31.1000	-0.4	-24.7	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1970/03/02 11:06:46.0000	-3.23	-12.1	31	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	1970/03/02 11:06:45.1000	-3.2	-12.2	33	mb	5	1.29658E+24	5.38	23.33	0.0299	127.99

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/07/28 16:11:58.2600	4.14	-32.91	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2011/07/09 23:47:30.1200	-7.799	-13.479	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2011/05/15 13:08:15.4200	0.4584	-25.6088	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2011/03/19 18:43:01.1000	-10.2	-13.2	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2011/02/15 09:21:37.3900	-13.997	-14.369	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2010/12/31 16:30:53.7500	0.7396	-26.1075	14	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2010/11/17 22:33:43.3900	-7.52	-13.464	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2010/11/14 11:21:43.0700	-0.158	-18.102	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2010/03/26 09:36:54.6000	-1.254	-15.84	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2010/02/02 06:45:06.0700	-0.343	-16.109	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2010/02/02 06:45:04.7000	-0.241	-16.051	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/12/09 16:00:41.5700	-0.7012	-21.0737	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/11/30 02:54:48.2000	-2.419	-11.756	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/10/08 19:09:38.6100	-4.878	-11.593	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/08/22 12:34:49.9300	0.8668	-28.543	7	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/07/18 17:06:36.3000	-0.18	-28.07	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/07/16 15:05:42.2800	3.3809	-31.5145	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/07/11 01:54:30.4000	-14.033	-13.939	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/04/08 08:23:01.7200	8.0794	-37.9852	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/03/27 10:00:47.1400	-12.804	-14.551	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/03/24 12:34:53.9000	14.5254	-45.1067	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/03/22 05:52:29.0800	-12.9562	-14.6032	16	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/03/22 05:52:28.4200	-12.931	-14.59	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2009/01/16 22:13:58.9200	14.5017	-45.0211	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2008/12/13 17:21:12.1000	8.1	-37.9	10	mB	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2008/10/26 04:56:09.4000	-5.432	-11.528	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2008/10/03 05:26:20.9100	7.517	-36.758	5	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2008/09/16 07:28:23.4800	0.9123	-28.8999	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2008/08/11 23:38:37.7000	-1.85	-21.04	13	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2008/04/13 23:29:52.1900	13.387	-44.872	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2008/04/13 23:29:50.5000	13.45	-44.885	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2007/10/31 21:16:08.3000	4.384	-46.419	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2007/09/26 18:39:32.7400	-7.0062	-11.6291	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2007/08/21 16:36:45.3900	8.01	-38.969	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2007/08/19 12:59:38.6000	-2.563	-12.248	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2007/08/16 01:20:31.2100	-12.362	-14.864	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2007/08/08 01:01:39.7800	0.818	-29.168	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2007/04/01 15:25:56.1500	-3.419	-11.961	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2007/02/08 12:05:35.9000	9.03	-39.652	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2007/01/15 10:11:29.5000	8.783	-39.735	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/12/03 08:19:49.6000	-0.446	-19.71	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/11/17 23:42:40.8100	-12.718	-14.695	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/11/05 10:05:26.9000	-0.874	-23.656	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/08/01 12:01:47.3000	-7.002	-12.083	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/07/10 07:21:38.1000	-11.6191	-13.3995	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/07/10 07:21:36.0500	-11.5727	-13.4176	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/06/22 01:15:46.4000	4.557	-32.442	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/06/05 06:27:08.0500	1.1078	-28.0385	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/06/05 06:27:05.9000	1.0943	-27.9973	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/04/08 22:03:22.4000	1.09	-16.4	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/04/08 22:03:02.2000	-0.204	-18.043	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/02/20 19:27:32.9800	-10.486	-13.13	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/02/20 19:27:31.2000	-10.449	-13.207	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/02/17 13:24:01.9000	-1.672	-15.122	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2006/02/17 13:24:01.0000	-2.22	-15.16	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2005/12/19 14:44:47.9000	3.245	-31.409	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2005/10/27 19:14:33.8000	-0.22	-23.93	0	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2005/06/27 14:05:08.3300	7.408	-35.019	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2005/06/24 13:54:37.5000	-1.12	-13.34	0	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2005/04/22 03:46:06.0500	-10.226	-13.193	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2005/03/28 00:01:30.5100	-0.299	-20.776	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2004/07/06 15:31:52.9000	-11.725	-13.523	10	MB	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2004/03/03 20:24:44.7000	-0.733	-16.131	10	MB	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2003/12/21 20:30:41.5000	-5.318	-11.505	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2003/11/05 22:20:14.8000	7	-33.688	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2003/08/27 12:38:58.6000	6.758	-33.877	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2003/07/15 17:50:00.1000	3.044	-31.318	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2003/06/06 06:59:44.3000	-0.698	-16.095	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2003/01/11 07:30:06.4500	-4.887	-11.606	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2002/12/21 14:12:35.4000	-10.658	-13.162	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2002/04/14 11:17:03.0000	12.002	-44.082	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2001/12/01 15:49:09.1000	-4.341	-12.272	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2001/05/14 18:05:04.0000	-7.292	-13.515	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2001/05/14 18:05:04.1100	-7.33	-13.425	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2001/05/14 18:05:04.1000	-7.33	-13.425	10	MB	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2001/05/09 12:24:46.7000	-0.086	-18.224	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2001/01/05 11:54:13.6800	-0.657	-22.074	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2000/10/30 01:03:29.1000	0.24	-24.4	0	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2000/10/30 01:03:27.2400	0.785	-25.58	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2000/10/27 09:10:10.0000	-2.3259	-23.7621	33	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2000/10/21 08:24:42.3800	-7.42	-13.495	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2000/09/23 02:13:34.6000	4.2849	-32.7283	33	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2000/07/15 03:13:31.0000	0	-20	0	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2000/07/14 05:22:14.0000	0	-14	0	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2000/07/14 05:22:02.0000	-0.815	-16.036	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2000/07/14 05:22:01.7500	-0.914	-16.144	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2000/05/18 09:50:25.7300	-10.294	-13.167	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1999/12/25 07:52:31.3000	-12.826	-14.5258	33	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1999/12/17 04:00:34.0000	8	-37	0	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1999/07/03 16:36:01.9700	8.017	-38.099	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1998/07/10 08:20:29.0000	-3	-14	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1997/12/02 04:47:55.8000	11.953	-43.778	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1997/09/26 14:00:05.8900	0.1258	-16.8359	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1997/05/21 20:23:06.0000	0	-18	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1997/01/17 21:14:16.5000	0.981	-27.637	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1996/12/14 09:50:39.2000	12.8	-44.69	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1996/12/10 09:23:34.0000	1	-29	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1996/11/01 14:38:05.6000	-0.06	-17.99	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1996/08/27 14:36:39.3000	-6.9323	-12.7789	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1996/08/18 07:16:05.0000	-1	-30	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1995/06/26 21:27:01.4000	9.74	-34.86	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1995/02/02 12:53:53.2000	10.77	-42.68	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1994/11/16 21:34:52.0000	-10.182	-13.258	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1993/09/04 04:35:01.3000	-0.059	-16.587	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1993/09/04 04:34:59.2000	-0.28	-16.32	3	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1993/04/30 08:48:59.0000	5.6	-37.2	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1993/02/09 12:04:49.3500	0.7245	-29.6764	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1992/11/04 20:31:10.2000	-0.08	-17.71	33	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1992/09/16 00:17:53.6200	14.9241	-45.0363	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1992/08/25 18:02:45.4000	4.856	-32.631	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1992/07/25 09:12:18.0000	-0.2	-23.9	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1992/07/11 08:41:15.1800	-12.7699	-14.6403	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1992/04/02 21:03:07.8000	7.61	-33.17	3	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1992/04/02 21:03:03.9700	7.2154	-34.0499	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1992/03/12 16:34:46.9000	-7.84	-13.635	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1991/12/02 15:44:11.1900	-12.483	-14.8283	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1991/10/26 05:27:59.3000	7.46	-34.7	3	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1991/06/15 20:23:20.0000	0.1	-26.1	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1990/08/12 00:34:59.0000	0.2	-29.4	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1990/07/30 10:06:15.0000	-4.349	-10.819	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1990/05/27 21:53:10.0000	9.7	-37.2	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1990/03/16 05:59:02.1000	6.437	-33.8	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1990/01/09 09:21:00.0000	-0.2	-6	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1989/12/31 18:31:21.1600	7.6651	-37.0714	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1989/10/19 21:45:16.9900	-1.1866	-15.9708	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1989/10/18 10:53:48.2000	14.583	-44.928	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1989/07/09 09:46:46.0000	-1.7	-13.1	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1989/06/17 20:47:14.6000	-1.437	-24.169	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1989/04/08 00:03:51.0000	4	-47	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1989/03/08 18:39:42.1000	3.095	-31.414	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1989/03/08 11:00:55.5000	3.113	-31.273	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1988/05/21 15:15:46.0000	0.5	-29.7	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1988/01/30 22:26:55.0000	7.013	-33.816	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1987/08/06 23:11:23.9000	1.07	-28.37	3	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1987/06/07 14:48:50.1300	-0.3581	-19.0584	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1987/06/01 02:53:31.0000	7.7	-38.2	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1987/01/13 20:57:33.9000	-5.32	-11.241	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1986/08/17 06:09:29.1000	-1.07	-13.04	3	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1986/07/05 10:22:09.4300	-0.3594	-16.1147	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1986/07/05 10:22:08.8000	-0.27	-15.97	3	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1986/06/24 23:35:01.8000	0.32	-17.52	3	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1986/06/17 08:48:19.0000	4.406	-32.622	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1986/06/17 08:48:19.4900	4.4132	-32.6439	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1986/04/18 08:56:56.7000	-4.906	-11.507	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1985/12/24 04:13:21.1100	7.0401	-34.7453	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1985/11/24 10:43:06.0000	10.9	-41.1	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1985/07/18 21:19:10.0000	-1.8	-18.9	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1985/07/15 00:33:35.9000	0.34	-19.86	3	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1985/06/04 12:06:29.0000	2.4	-18.1	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1985/06/04 12:06:03.7000	-0.379	-19.541	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1985/04/08 09:55:59.5800	7.1561	-33.885	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1985/04/08 09:55:33.0000	2.5	-35.8	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1985/04/06 14:23:40.8000	7.82	-33.72	33	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/12/01 09:37:56.8400	-14.7972	-4.168	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/11/05 04:17:33.0000	-11.832	-13.866	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/11/05 04:17:33.5400	-11.9653	-13.8364	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/10/21 03:51:47.3000	-6.993	-12.559	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/09/19 08:32:20.4000	1.0501	-28.1417	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/08/30 20:12:59.7000	7.0508	-33.8405	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/06/01 11:14:03.5700	-5.1986	-11.5679	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/03/20 17:19:13.2000	11.22	-41.95	37	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/03/20 17:19:07.2600	10.7687	-42.2388	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/01/25 07:17:59.0000	8.738	-40.11	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1984/01/25 03:51:45.1500	8.6614	-39.4137	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/10/13 23:28:13.0000	11.9	-32.8	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/10/13 13:07:07.0000	2.6	-19.7	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/09/29 06:34:15.3900	-12.7634	-14.7563	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/09/29 06:34:13.6000	-12.85	-15.13	3	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/09/25 18:41:17.0000	-1.102	-24.42	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/09/25 18:41:16.8900	-1.1508	-24.4049	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/09/24 20:40:23.3000	-7.022	-12.814	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/04/27 10:18:22.0000	2.1	-26.3	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1983/04/27 10:18:05.2000	0.903	-27.733	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/04/24 20:11:23.7000	-1.289	-13.941	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/04/04 16:22:58.2000	5.932	-32.899	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/01/14 12:03:07.0000	8.3	-43.4	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1983/01/05 16:52:20.7300	-6.7055	-11.5718	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1982/12/02 03:20:14.2300	-1.1702	-23.7238	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1982/10/10 12:25:46.7000	0.996	-28.815	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1982/09/14 21:18:40.5000	-7.01	-13	3	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1982/07/23 02:53:29.2800	1.0874	-27.9023	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1982/01/13 10:30:52.0000	-11.444	-13.101	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1982/01/13 10:30:50.3000	-11.55	-13.1	3	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1982/01/06 06:32:17.9000	-5.575	-11.518	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1981/08/10 17:15:31.5000	-6.59	-14.71	33	Mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1981/04/22 23:16:54.1000	7.39	-36.305	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1981/03/03 09:21:06.5500	-0.4773	-19.7625	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1981/02/27 01:13:23.0000	10.1	-37.5	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1980/12/04 00:21:05.3500	3.2636	-31.4427	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1980/06/10 05:27:57.8000	-1.19	-13.37	3	MB	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1980/04/01 19:55:31.9000	4.412	-32.493	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1980/01/11 22:55:31.9000	-2.087	-12.582	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1980/01/11 22:38:40.0000	-1.589	-12.514	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1979/12/16 07:18:54.1000	-6.831	-12.551	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1979/06/06 08:31:13.0000	8	-37	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1979/05/30 16:08:39.0000	12	-45	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1979/01/28 23:31:02.0000	12	-45	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1979/01/28 20:00:09.9000	11.998	-43.652	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1979/01/28 20:00:09.6000	11.9106	-43.6299	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1979/01/28 19:19:39.5000	12.77	-43.25	33	MB	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1979/01/28 19:19:30.4000	12.045	-43.786	10	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1978/11/05 06:39:38.4700	8.112	-38.599	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1978/06/22 08:33:11.8600	0.9832	-27.6278	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1978/06/02 12:44:47.2000	-4.14	-12.12	33	MB	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1978/02/11 01:26:26.7000	5.734	-32.904	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1977/03/22 04:11:35.3200	-12.5844	-14.7216	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1977/02/24 08:51:17.4400	-11.7674	-13.4531	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1977/02/24 08:51:16.6000	-11.686	-13.622	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1977/01/25 06:34:55.7700	7.6019	-37.1629	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1976/10/23 19:59:10.1000	-5.607	-11.3176	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1976/10/18 04:58:36.6000	8.593	-39.313	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1976/10/17 23:56:42.1000	8.474	-39.445	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1976/10/07 09:54:16.4000	-7.605	-13.346	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1976/10/07 09:54:14.2100	-7.6242	-13.356	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1976/10/07 07:29:08.8000	-7.381	-13.149	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1976/08/16 02:27:44.5800	-0.7537	-15.9747	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1976/07/17 04:14:11.7000	-6.89	-12.474	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1974/09/24 01:57:46.1000	13.611	-44.839	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1974/06/27 22:51:15.7700	1.7491	-30.8481	88	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1974/06/27 18:46:32.3200	1.5334	-30.7731	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1974/04/04 14:50:04.5900	-12.5422	-14.6524	21	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1974/02/27 04:28:31.4900	-11.6744	-13.3792	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1974/02/27 04:28:30.3000	-11.604	-13.406	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1973/10/11 02:07:40.5000	0.825	-29.206	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1973/09/09 08:32:15.9800	-7.0173	-12.7794	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1973/08/22 22:15:17.3000	0.598	-25.347	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1973/07/29 01:14:17.1000	-1.1174	-24.6544	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1973/04/18 03:09:40.0000	5.8	-30.1	0	MB	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1973/04/03 20:04:47.7000	7.46	-36.255	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1973/03/04 14:12:15.7000	-7.319	-13.314	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1972/12/17 20:53:02.9000	-1.424	-15.987	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1972/09/16 13:53:31.0000	-0.7	-13.6	0	MB	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1972/06/26 16:31:08.6000	4.563	-32.562	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1972/02/11 17:14:05.0000	-0.5	-22.3	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1971/09/14 19:53:10.6800	1.0153	-28.9986	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1971/07/11 05:30:53.9000	-0.888	-13.267	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1971/04/29 08:14:53.6000	-0.523	-19.761	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1971/04/29 08:14:53.3700	-0.4504	-19.7901	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1971/03/22 06:39:28.0300	-13.9075	-14.7614	0	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1971/01/26 14:05:58.0000	3.624	-31.483	33	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1970/11/29 06:01:18.6000	-11.67	-14	32	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1970/04/21 14:14:56.8000	-3.32	-12.09	25	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	1970/04/07 15:36:19.0000	-0.25	-24.74	30	mb	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2011/08/14 01:29:37.6000	-1.327	-14.711	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2011/08/11 08:19:39.5900	-7.024	-12.795	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2011/07/28 16:11:57.5500	3.9963	-32.8537	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2011/06/02 12:30:27.1100	-11.701	-13.212	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2011/05/12 07:04:18.6200	-10.118	-13.148	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2011/03/01 03:46:29.6300	-5.614	-11.369	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2011/03/01 03:46:28.2000	-5.52	-11.391	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2011/02/15 21:59:02.5200	-0.042	-17.927	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2011/02/15 21:59:01.5000	-0.1	-18	15	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2011/02/15 09:21:36.5000	-13.741	-14.483	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2010/12/31 16:30:56.6700	-0.028	-24.779	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2010/12/31 16:30:55.3600	0.7018	-26.1127	14	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2010/11/22 05:09:50.1600	8.275	-39.4921	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2010/11/14 11:21:41.6000	-1.02	-17.27	11	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2010/03/26 09:36:56.7900	-1.279	-15.833	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2010/03/10 08:07:24.2200	7.128	-34.307	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/12/09 16:00:30.6000	-1.314	-23.029	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/09/17 19:16:02.9000	3.9648	-10.9368	2	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/07/18 17:06:35.2000	0.85	-29.319	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/07/16 15:18:00.6000	3.402	-31.463	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/07/02 03:21:01.7000	-10.5	-12.79	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/07/02 03:20:49.1400	-11.633	-14.159	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/06/24 11:12:21.9700	0.175	-16.878	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/04/08 08:22:58.3900	8.063	-37.952	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/03/26 18:43:47.5800	-6.775	-12.537	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/03/24 12:34:56.0300	14.4957	-45.0574	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/03/24 12:34:54.9000	14.655	-45.078	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/01/16 22:13:59.6400	14.487	-45.058	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/01/02 20:14:30.4000	-0.003	-26.591	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2009/01/02 19:42:23.0000	-0.397	-26.699	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/12/13 17:21:12.4000	7.985	-38.036	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/10/03 05:30:24.3300	7.561	-36.882	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/10/03 05:26:22.3000	7.638	-37.316	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/10/03 05:26:20.5000	7.682	-36.755	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/09/16 07:28:33.0000	1.029	-27.403	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/09/05 19:07:31.2000	-2.109	-12.698	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/08/28 15:22:18.9400	-0.134	-17.626	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/08/19 08:33:53.6500	-8.1404	-13.3774	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/04/24 12:14:54.0000	-0.57	-23.1	20	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/04/24 12:14:50.2100	-1.1526	-23.5243	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/03/09 17:17:22.9000	0.79	-29.901	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2007/11/17 08:42:18.2000	-1.17	-13.106	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2007/09/26 18:39:34.8200	-7.074	-11.713	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2007/09/07 09:25:18.1800	7.3209	-34.6707	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2007/09/07 09:25:16.3700	7.3392	-34.6288	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2007/08/22 09:06:51.9000	8.1	-39.5	10	mB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2007/08/16 14:18:11.3000	-5.85	-11.67	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2007/08/16 01:20:29.7000	-12.249	-14.892	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2007/04/01 15:25:56.5000	-3.21	-11.701	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2007/02/08 10:21:57.0700	8.69	-39.466	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2007/01/15 10:11:54.0000	11.481	-38.248	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2006/10/24 03:04:28.8900	-13.79	-14.574	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2006/07/27 17:36:14.5000	0.7	-27.2	10	mB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2006/06/05 06:34:32.2900	1.039	-28.1369	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2006/06/05 06:34:30.2800	1.0556	-28.1055	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2006/06/05 06:18:42.7000	0.089	-27.678	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2006/03/04 00:53:30.7000	1.307	-27.871	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2006/02/20 19:26:49.6200	-10.209	-13.368	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2005/12/23 18:03:57.2400	8.096	-38.0258	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2005/06/27 14:05:06.3000	7.39	-34.981	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2005/03/24 07:33:49.4000	7.0854	-34.1044	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2004/09/28 13:43:24.5900	-13.1149	-15.0974	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2004/07/06 15:31:54.1000	-11.45	-13.937	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2004/06/02 20:47:57.0000	4.798	-32.654	10	MB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2004/04/04 18:04:34.7000	-3.425	-12.277	10	MB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2004/04/04 18:04:34.7100	-3.425	-12.277	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2004/03/17 06:41:06.0000	-5.639	-12.146	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2003/12/22 19:35:11.0000	14.959	-45.111	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2003/10/11 23:08:44.2000	-0.79	-15.57	12	mB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2003/07/15 17:50:01.1000	3.296	-31.41	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2002/07/31 09:12:50.0000	7.975	-35.529	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2002/07/31 09:12:44.7300	7.526	-36.318	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2002/06/26 06:38:13.1000	-4.768	-12.342	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2002/06/25 22:59:12.2000	-4.927	-12.335	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2002/06/25 21:47:24.0400	-4.888	-12.427	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2002/06/25 20:15:58.2000	-4.99	-12.191	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2001/06/12 14:22:16.1500	14.532	-45.002	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2001/06/12 14:22:15.9200	14.537	-45.031	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2001/03/07 18:10:59.4500	-6.704	-13.034	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2001/01/24 05:34:29.5000	-0.7	-21.848	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2000/12/15 14:08:17.1000	-5.523	-11.562	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2000/12/15 14:08:17.4400	-5.517	-11.535	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2000/10/30 01:03:26.6400	0.824	-25.586	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2000/10/30 01:03:26.6000	0.824	-25.586	10	MB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2000/10/27 09:10:05.1300	-1.595	-24.576	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2000/09/23 02:13:42.0000	5	-32	0	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2000/09/10 21:37:42.4000	-1.9541	-13.0385	10	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2000/07/15 03:13:23.2700	-0.435	-19.599	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1999/12/17 04:00:29.4000	8.3201	-38.1505	33	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1999/09/06 01:51:14.4000	-14.46	-14.2	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1999/03/16 14:42:21.3000	-5.7	-14.9	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1998/07/09 16:23:50.0000	-1	-14	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1998/07/09 16:23:42.1000	-1.3144	-15.9382	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1998/03/29 07:15:15.0000	1	-15	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1997/09/01 22:59:28.6000	0.027	-16.806	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1997/05/16 17:50:09.7000	-0.008	-16.862	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1997/02/24 04:17:03.6000	11.06	-43.642	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1996/12/10 09:23:25.4000	0.796	-29.62	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1996/09/17 23:09:24.3700	0.9364	-26.3985	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1996/07/15 05:01:43.5000	-3.53	-13.15	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1996/04/29 22:31:18.2000	8.29	-39.5	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/04/15 20:03:28.0000	11.82	-42.67	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1996/02/03 23:24:12.0000	8	-38	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1995/12/14 05:13:51.2000	-7.11	-12.82	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1995/03/04 17:57:15.0000	-9	-12	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1995/03/04 17:56:39.2000	-13.92	-14.47	22	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1995/03/04 17:56:38.0400	-14.0275	-14.5001	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1994/11/14 11:27:56.1000	-0.028	-16.935	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1994/10/06 05:44:07.0000	-1.37	-14.976	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1994/08/28 12:53:35.1000	9.81	-39.43	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1994/05/25 14:31:23.3600	-0.1518	-16.4885	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1994/05/25 14:31:22.6000	-0.259	-16.461	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1994/05/17 20:00:48.0000	0	-14	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1993/09/21 13:08:58.0000	-0.1	-20.2	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1993/08/06 09:50:12.7000	-11.54	-12.67	3	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1993/07/21 00:30:41.0000	2.3	-14.2	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1993/06/17 22:37:59.5200	-0.0036	-16.678	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1993/04/30 08:49:12.4000	8.46	-36.96	3	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1993/02/18 10:10:48.4000	-0.457	-19.454	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1992/10/09 09:34:51.3300	-0.8922	-15.9788	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1992/09/21 10:19:14.0000	-4.6	-12.8	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1992/07/25 09:12:19.1000	0.461	-25.105	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1992/07/25 09:12:19.2200	0.464	-25.0904	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1992/07/11 16:07:56.7000	-12.994	-14.483	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1992/07/11 08:41:15.1000	-12.842	-14.358	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1991/09/15 15:10:36.6000	-1.28	-13.29	39	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1991/08/12 13:03:24.0000	-6.4	-11.2	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1991/06/11 20:24:43.6000	0.01	-16.55	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1991/06/11 20:24:42.0000	-0.9	-16.1	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1991/01/19 02:08:52.8000	-3.1717	-12.1228	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1990/08/12 00:35:24.0000	2.9	-27.1	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1990/08/12 00:35:03.2000	0.964	-28.808	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1990/07/30 10:06:15.0000	-4.6	-11	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1990/05/27 21:52:56.1500	7.6961	-36.8955	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/12/25 00:06:24.8000	0.6648	-18.0091	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/11/22 05:46:32.4000	-0.56	-19.714	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/11/21 20:36:26.0000	-1	-17	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/11/15 04:15:57.0000	-0.495	-19.808	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/11/15 04:15:57.5000	-0.4238	-19.8296	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/11/15 04:01:06.0000	1.4	-15.7	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/10/18 13:06:47.8000	14.603	-45.068	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/10/18 10:41:43.6000	14.504	-45.225	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/04/16 10:51:25.0000	4.9	-31.4	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/04/16 08:35:45.0000	9.4	-29.9	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1989/02/04 17:00:02.5000	-1.087	-13.61	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1989/02/04 17:00:02.5900	-1.0748	-13.5973	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1988/12/06 19:42:59.0000	1.6	-12.5	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1988/10/18 02:26:29.0000	10.3	-34.6	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1988/05/18 05:44:44.1000	13.559	-44.87	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1987/11/27 06:14:33.3000	9.36	-39.65	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1987/11/27 06:14:31.4000	8.788	-39.812	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1987/11/27 06:14:31.4700	8.7748	-39.8088	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1987/08/06 23:11:24.3000	0.937	-28.557	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1987/06/04 13:23:53.7000	2.43	-23.74	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1987/06/01 02:53:31.3000	8.33	-37.52	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1987/02/01 06:56:19.0000	1.7	-17.3	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1987/01/13 15:18:00.6000	-4.67	-11.59	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1986/09/20 01:31:20.0000	1.1	-29.7	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1986/08/11 19:43:11.5000	-0.05	-17.85	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1986/07/10 06:52:54.0000	1.9	-32.1	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1986/06/15 23:58:46.4000	1.37	-26.74	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1985/11/10 12:39:02.0000	6.2	-30.1	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1985/06/04 12:06:04.0700	-0.3515	-19.4908	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1985/04/08 09:55:59.1000	7.113	-33.869	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1984/12/29 04:08:04.5500	2.4172	-30.9173	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1984/12/20 23:31:17.7800	7.0592	-33.8596	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1984/12/08 12:25:06.0000	1.4	-21.5	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1984/11/04 17:35:28.7000	10.993	-43.479	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1984/11/02 03:38:41.8700	-10.378	-13.1662	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1984/06/01 11:14:03.1000	-5.229	-11.539	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1983/11/17 14:53:02.0000	-10	-11.8	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1983/09/24 20:40:23.8800	-6.9767	-12.8206	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1983/04/03 18:59:21.9000	5.608	-32.875	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1983/03/04 19:06:48.0000	-9.8	-9	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1983/03/02 12:06:27.0000	4.6	-32.1	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1983/01/14 12:03:27.9000	10.723	-41.496	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1982/12/04 12:54:43.1500	8.58	-39.5324	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1982/11/14 17:29:24.3000	0.945	-29.077	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1982/09/05 11:28:54.0000	-12.45	-14.82	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1982/08/12 08:41:59.7000	-1.24	-22.64	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1982/07/23 02:53:28.9000	1.053	-27.912	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1982/06/01 09:24:53.5000	-14.036	-14.515	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1982/06/01 09:24:51.8000	-14.16	-14.46	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1982/04/10 09:47:02.4000	9.08	-38.49	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1982/01/05 13:44:43.6000	-0.895	-21.925	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1982/01/03 14:10:11.0000	0	-18	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1981/07/07 21:11:06.0000	0	-18	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1981/04/21 22:37:24.4300	7.5249	-35.9937	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1981/03/08 13:35:43.6000	-0.174	-24.6451	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1981/02/27 01:13:07.9000	8.34	-37	3	Mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1980/12/04 00:21:05.3000	3.317	-31.459	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1980/11/01 10:48:03.3000	0.108	-25.345	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1980/07/26 12:53:44.5600	7.1948	-34.0422	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1980/07/26 12:52:59.0000	-1	-31	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1980/07/24 21:20:15.5000	0.5	-29.94	33	MB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1980/07/03 22:54:08.1000	4.86	-32.66	3	MB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1980/01/11 22:38:37.6400	-1.6584	-12.6389	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1979/06/09 06:31:47.0000	11.811	-43.712	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1979/06/06 11:36:31.0000	12	-45	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1979/02/13 01:50:59.6000	12.032	-43.901	10	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1978/07/08 22:28:51.0000	-13	-10	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1978/02/11 01:26:27.7000	5.89	-32.81	0	MB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1977/07/30 07:31:08.0000	-2.4	-11.7	0	MB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1976/08/16 02:27:38.6000	-0.778	-16.046	25	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1975/09/24 11:03:00.4200	-11.8306	-14.4649	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1975/01/07 08:31:09.0000	-0.7	-17.1	0	MB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1974/05/07 03:04:57.4500	12.7319	-44.4967	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1974/04/04 14:50:06.1000	-12.653	-14.066	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1974/03/30 08:25:21.0000	4.5	-32.1	0	MB	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1974/03/06 02:33:48.0400	-5.6085	-11.397	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1974/03/06 02:33:47.5000	-5.641	-11.362	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1974/01/13 21:31:42.4500	3.501	-31.4792	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1974/01/13 21:31:39.4000	3.663	-31.569	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1974/01/06 14:32:39.9600	-1.456	-15.4487	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1973/11/15 06:05:55.9300	-1.3825	-15.8918	20	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1973/07/29 01:14:17.3000	-1.097	-24.679	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1972/09/16 13:53:32.0000	-0.791	-13.051	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1972/06/26 16:04:08.1700	4.6773	-32.6926	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1972/06/26 16:04:07.7000	4.667	-32.639	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1971/11/05 11:19:36.8200	0.6956	-25.6496	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1971/07/09 22:22:27.9600	0.2187	-16.9392	0	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1971/03/22 10:19:03.7000	-0.192	-17.917	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1970/10/21 15:50:05.3000	7.68	-37.57	28	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1970/09/01 15:26:35.0000	-1.64	-12.77	19	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1970/08/05 09:09:02.0000	11.87	-43.76	51	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1970/07/29 18:23:58.3000	-14	-14.3	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1970/06/26 15:53:13.1000	-0.08	-17.88	49	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	1970/04/07 15:36:19.2000	-0.3	-24.8	33	mb	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2011/08/14 01:29:39.5000	-1.3	-14.7	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2011/08/11 08:19:38.2000	-6.983	-12.78	14	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/08/11 01:36:42.7000	-7	-12.7	10	mB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2011/08/10 23:45:40.9100	-7.2064	-12.6757	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2011/03/26 11:38:53.0000	0.8	-29.2	10	mB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2011/03/19 18:43:03.2500	-10.248	-13.231	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2011/02/15 21:59:00.7000	-0.001	-17.864	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2011/02/12 02:53:12.7200	0.0067	-16.9797	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2010/12/31 16:30:53.3000	0.726	-26.024	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2010/11/22 05:09:50.9100	8.1055	-39.4326	5	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2010/09/18 11:17:15.6000	-0.3	-20.38	10	mB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2010/06/08 20:51:17.6000	4.822	-11.5857	2	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/11/20 19:31:18.6000	-1.246	-18.731	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/10/08 19:09:36.9000	-4.814	-11.632	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/08/22 12:34:54.6000	0.62	-27.74	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/08/22 12:34:50.4600	0.914	-28.542	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/08/22 12:34:48.9000	0.958	-28.517	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/07/16 15:05:43.5200	3.337	-31.509	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/03/26 18:43:45.8000	-6.767	-12.68	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/03/24 12:34:54.3600	14.473	-45.065	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/03/24 12:34:46.2000	13.298	-45.089	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/03/22 12:54:51.3600	-12.738	-14.687	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2009/01/16 22:13:57.9000	14.563	-45.042	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2008/12/08 01:51:01.3800	13.4076	-44.8184	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2008/12/08 01:50:59.5300	13.464	-44.8351	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2008/12/07 06:23:08.6500	13.4246	-44.8713	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2008/10/03 05:30:23.6000	7.8	-37.896	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2008/09/16 07:28:23.3000	0.979	-28.977	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2008/09/05 19:07:37.7900	-1.1953	-13.9588	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2008/09/05 19:07:36.4100	-1.1693	-13.9353	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2008/08/28 15:22:17.2600	-0.1133	-17.6028	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2008/08/19 08:33:55.2500	-8.201	-13.449	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2008/04/24 12:14:49.2000	-0.924	-23.496	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2007/09/07 09:25:12.9000	6.17	-34.86	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2007/07/06 19:10:19.1000	8.7	-40.1	10	mB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2006/11/13 08:53:57.7500	-12.509	-14.773	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2006/07/10 07:21:37.8800	-11.627	-13.432	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2006/06/05 06:34:31.8000	1.018	-28.162	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2006/03/27 01:10:30.3000	7.134	-34.216	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2006/03/09 17:55:56.2800	0.7732	-26.112	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2006/03/09 17:55:43.5000	-1.43	-25.48	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2006/03/07 21:52:52.6000	0.6	-26	10	mB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2006/02/20 19:26:47.9000	-10.352	-13.217	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2006/01/06 06:27:59.5000	7	-34.5	10	mB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2005/12/23 18:03:58.9500	8.065	-38.042	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2005/11/08 02:00:39.5000	7.4	-35.9	5	mB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2005/08/15 07:53:43.7000	-1.67	-13.12	0	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2005/08/15 07:53:42.5900	-1.684	-13.054	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2004/04/19 08:14:10.1200	3.7197	-32.2346	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2004/03/03 20:24:42.9000	-0.655	-15.984	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2004/02/07 23:40:57.3400	13.5128	-44.8305	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2004/01/16 18:07:53.4100	7.6927	-37.712	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2003/11/05 22:20:15.7000	7.098	-33.708	13	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2003/07/15 04:29:29.8000	3.783	-31.374	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2003/02/13 05:59:10.5800	-6.726	-11.802	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2002/08/03 14:18:13.4500	-1.506	-14.374	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2000/09/23 02:17:45.8000	5.1	-33.7	0	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2000/09/23 02:17:44.0000	3	-32	0	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2000/09/10 21:36:58.2000	-8.5	-13.3	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2000/07/14 05:21:20.8000	-7.3	-15.5	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1999/12/17 04:03:37.0000	6	-32	0	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1999/12/17 04:00:25.7000	7.938	-37.981	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1999/12/17 04:00:25.5700	7.982	-37.968	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1999/09/06 01:51:52.0000	-9	-12	0	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1999/09/06 01:51:15.1100	-14.044	-14.472	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1999/07/03 16:35:24.2000	3.8	-42	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1998/12/13 17:31:59.1200	13.3491	-44.8295	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1998/12/13 17:31:58.8000	13.345	-44.845	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1998/10/01 03:41:11.0000	13	-46	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1998/04/12 04:09:29.3900	4.8019	-47.7241	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1998/04/10 16:40:39.5700	-1.215	-15.6506	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1998/03/01 06:59:03.0000	-7	-13	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1997/08/26 08:43:53.0000	-4	-20	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1997/07/22 19:10:35.4200	4.6461	-32.6936	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1996/09/17 23:09:19.0000	-1	-27	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1996/08/30 11:41:56.6000	1.11	-28.92	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1996/08/18 07:16:12.1000	1.13	-30.56	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1996/06/08 16:37:01.7000	-12.65	-16.3	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1996/02/16 09:44:58.2000	-1.46	-15.35	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1995/12/14 02:09:17.8000	-6.8	-12.82	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1994/08/29 17:36:37.0000	1	-16	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1994/05/25 14:31:39.0000	2.1	-16.4	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1994/05/25 14:31:22.9000	0.25	-17.19	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1993/11/19 09:05:46.0000	7	-34	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1993/08/15 03:10:29.0000	0.4	-25.5	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1993/08/11 01:36:51.5000	-2.31	-12.23	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1993/06/17 22:37:58.9000	-0.097	-16.614	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1993/01/07 07:42:26.0000	-1	-15.7	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1992/08/25 18:02:45.3000	5.16	-32.71	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1992/03/29 17:40:09.4000	3.412	-31.547	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1991/08/29 16:59:55.5000	-6.51	-12.69	33	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1991/07/21 14:38:46.4000	8.23	-38.06	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1991/07/21 14:38:19.0000	2.1	-36.7	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1991/06/30 03:08:14.2000	-14.371	-13.562	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1991/06/15 20:23:22.3800	0.5985	-25.4714	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1991/01/20 00:09:54.1000	-3.158	-12.278	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1990/08/30 02:41:15.0000	0	-17.5	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1990/05/27 21:52:55.7000	7.715	-36.963	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1990/04/17 11:34:31.0000	10	-34.9	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1989/11/15 04:15:58.4000	0.03	-19.78	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1989/10/18 13:06:48.0600	14.6238	-45.065	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1989/10/18 10:41:45.7200	14.6924	-45.0215	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1989/09/09 07:55:17.0000	-1.2	-12.7	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1989/07/09 09:46:39.8000	-1.5492	-15.5469	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1989/04/16 10:51:16.8400	4.6746	-32.6655	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1989/04/16 08:41:58.8300	5.1936	-32.757	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1989/02/13 08:06:56.0600	7.973	-38.1014	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1988/12/27 13:06:04.0000	1.6	-28	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1988/12/27 13:05:51.2000	0.83	-29.382	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1988/12/06 19:42:31.5000	-1.457	-15.244	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1988/05/18 05:44:44.3700	13.5677	-44.8495	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1987/06/07 14:48:48.0000	-1.1	-19.3	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1987/01/13 16:44:02.8000	-4.56	-11.7	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1986/12/29 12:39:19.4000	-0.592	-19.835	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1986/10/27 14:12:25.0000	10.6	-35.6	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1986/10/27 14:11:58.3000	7.517	-36.658	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1986/07/10 06:53:04.5700	4.3005	-32.6009	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1986/06/24 23:34:57.0000	-1	-18.2	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1986/06/24 06:57:07.0000	0.4	-16.3	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1986/01/30 20:42:18.3600	0.972	-28.0556	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1985/11/24 10:42:55.7000	8.95	-40.08	33	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1985/09/25 07:06:45.9800	12.4554	-44.3371	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1985/07/18 22:35:57.3000	0.42	-16.64	33	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1985/07/01 09:53:36.9000	1.01	-26.41	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1985/06/23 23:02:54.0000	6.9	-40.9	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1985/06/03 20:12:00.9000	-7.5	-12.65	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1984/11/05 04:17:34.0000	-11.67	-13.15	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1984/11/02 03:38:41.3000	-10.263	-13.182	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1984/10/21 03:51:59.4000	-5.71	-11.98	33	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1984/10/09 11:23:12.5000	-0.556	-19.787	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1984/10/09 11:23:12.9700	-0.5152	-19.7968	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1984/07/19 05:22:17.1700	-6.9428	-12.8023	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1983/11/17 14:53:20.1000	-6.6	-13.34	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1983/10/13 23:27:33.5100	7.3065	-34.6272	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1983/04/27 10:18:19.4000	2.03	-26.48	33	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1983/03/04 19:06:20.4000	-13.49	-12.69	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1983/01/05 16:52:19.3000	-6.7	-11.97	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1982/12/04 12:54:43.0000	8.559	-39.539	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1982/12/02 03:20:16.8000	-0.84	-22.99	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1982/01/05 13:44:44.4800	-0.8433	-21.8197	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1981/11/02 16:52:54.2000	1.13	-26.89	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1981/08/02 18:08:22.1000	-7.47	-14.26	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1981/04/22 23:17:08.2000	8.34	-34.84	33	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1981/03/23 13:19:29.5800	13.3943	-44.9506	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1981/03/08 08:43:49.8000	-0.1463	-24.8187	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1981/03/03 09:21:05.3000	-0.38	-19.75	3	Mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1980/11/01 10:48:12.0000	1.64	-26.14	23	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1980/10/16 01:32:35.7000	-6.834	-11.59	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/06/06 11:36:26.7000	12.05	-43.787	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/06/06 11:36:25.4000	12.0711	-43.7959	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/05/30 16:08:47.6800	14.6284	-44.9881	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/02/13 01:51:04.0000	12.14	-43.68	33	MB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/02/11 09:06:36.0000	9	-42	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/02/11 08:00:59.1000	10.2766	-40.8443	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/02/11 08:00:50.0000	10	-41	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/02/11 07:18:17.0000	12	-41	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/01/28 23:31:06.8000	12.94	-43.64	33	MB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/01/28 22:27:15.3800	12.0011	-43.8016	10	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/01/28 22:26:40.0000	6	-43	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1979/01/28 20:00:39.0000	12	-45	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1978/11/05 06:39:41.1000	7.94	-37.72	33	MB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1977/09/12 14:18:06.6000	-12.784	-14.693	21	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1977/09/12 14:18:06.0700	-12.852	-14.666	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1977/07/28 01:47:32.7000	-1.149	-14.035	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1977/07/28 01:47:32.8400	-1.1835	-14.0171	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1977/06/18 20:38:41.0000	-13.8	-14.5	0	MB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1977/03/26 22:26:54.7000	-0.983	-13.482	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1977/03/26 22:26:53.9700	-0.9702	-13.497	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1976/07/17 04:14:06.0000	-6.9	-13.2	0	MB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1976/06/15 23:34:35.8300	-1.3774	-14.084	32	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1976/05/04 04:09:33.0000	8.5	-36.2	0	MB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1975/11/05 16:55:24.4000	-14.305	-13.397	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1974/02/07 01:19:32.0000	-12.2	-13.2	0	MB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1974/01/06 14:32:44.0000	-0.5	-16.1	0	MB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1974/01/06 14:32:39.9000	-1.503	-15.525	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1973/11/15 15:06:33.8700	-1.378	-15.8051	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1973/10/13 21:10:49.4700	4.7596	-32.5795	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1973/10/11 02:07:40.9400	0.806	-29.3062	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1973/05/13 01:32:36.0000	-0.948	-13.202	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1973/05/13 01:32:35.9600	-0.8883	-13.1875	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1973/04/03 20:04:54.0000	8.3	-36	0	MB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1973/02/08 19:05:21.8300	-10.2514	-13.075	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1972/06/26 16:31:13.0000	5.3	-32.4	0	MB	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1972/04/08 04:55:05.3300	8.0854	-38.8653	0	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1971/07/09 22:22:27.6000	0.265	-16.983	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1970/11/29 06:01:18.7000	-11.7	-14.1	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1970/10/21 15:50:05.5000	7.7	-37.6	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	1970/04/21 14:14:57.4000	-3.3	-12.1	33	mb	5.3	1.82163E+24	5.47	29.13	0.0380	130.36
ISC	2011/08/04 01:35:05.0000	3.9	-32.2	10	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2011/07/09 23:47:29.8000	-8	-13.5	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2011/07/08 05:53:03.8100	0.961	-26.419	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2011/05/15 13:08:15.8000	1.185	-25.969	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2011/02/12 02:53:14.0600	0.0477	-17.0245	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2010/11/22 05:09:51.6900	8.132	-39.396	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2010/07/31 11:36:56.5900	-0.763	-16.025	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2010/03/10 08:07:22.5000	7.176	-34.307	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2009/07/18 17:06:33.5000	0.893	-29.278	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2009/07/16 15:05:40.6000	2.52	-31.82	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2009/03/22 05:52:26.9000	-12.822	-14.589	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2008/08/28 15:22:29.2000	0.841	-17.755	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2008/08/11 23:38:39.3200	-0.9785	-21.7975	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2008/08/11 23:38:35.4600	-0.9306	-21.7329	2	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2008/04/24 12:14:54.1000	-1.15	-22.763	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2007/09/26 18:39:33.6000	-6.969	-11.809	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2007/08/19 12:59:38.7000	-1.6	-13.24	14	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2007/08/11 06:32:55.3000	-5.47	-11.55	21	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2007/05/04 12:06:52.8100	-1.3491	-15.0475	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2007/04/21 16:11:38.0000	1.5	-29.6	10	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2006/09/30 12:47:24.8000	7.3	-34.6	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2006/06/05 06:34:30.0000	1.074	-28.113	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2006/03/09 17:55:55.3500	0.791	-26.125	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2006/03/09 17:46:54.4000	1.1	-28.2	10	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2005/09/17 10:35:57.4000	0.9	-29.2	10	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2005/09/14 11:00:57.7000	0.15	-17.15	9	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2005/04/22 03:46:03.3000	-10.11	-13.63	10	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2005/01/29 21:01:05.8000	-1.89	-15.2	7	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2004/09/28 13:39:49.5000	-12.8	-14.7	10	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/05/27 15:11:38.5000	-14.2	-14.4	10	mB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2004/03/12 20:30:47.4000	6.081	-32.903	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2004/03/03 20:24:42.9000	-0.42	-16.38	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2003/12/21 07:40:45.6800	-0.7866	-20.6148	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2003/01/11 07:30:06.4000	-4.892	-11.665	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2002/08/03 14:18:13.3000	-1.485	-14.605	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2002/07/31 09:12:48.7000	7.538	-36.142	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2002/06/25 21:47:24.3000	-4.794	-12.293	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2001/11/15 01:03:06.6800	-1.542	-15.657	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2000/12/15 14:08:20.6000	-5.5227	-11.4463	33	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2000/12/15 14:08:17.4800	-5.508	-11.528	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2000/09/23 02:17:43.9000	4.381	-32.547	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2000/09/23 02:17:43.8300	4.315	-32.619	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2000/07/15 03:13:01.9000	-4.8	-17	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2000/06/16 17:58:53.0000	-10.7	-9.8	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1999/12/17 04:03:31.3000	7.968	-37.853	33	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1999/07/03 16:36:05.0000	6	-33	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1998/10/01 03:41:16.9000	13.712	-45.549	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1998/10/01 03:40:34.8000	7.19	-46.34	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1998/06/18 04:18:34.0000	-6	-15	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1998/03/01 06:58:24.0000	-12.33	-14.854	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1996/11/28 21:26:07.0000	0.2	-25.14	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1996/10/07 06:07:03.2000	0.95	-28.33	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1996/08/28 06:30:57.1000	1.7	-27.13	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1996/02/18 23:49:27.3000	-1.31	-14.12	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1996/02/03 18:26:16.0000	8	-38	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1996/01/29 10:27:13.7000	-0.27	-16	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1995/12/28 08:36:47.4000	14.7	-45.89	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1995/07/25 15:13:29.3700	10.7084	-41.2079	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1995/05/18 00:06:30.8000	-0.94	-22.12	24	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1993/11/25 20:24:03.0000	-0.49	-13.12	9	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1993/09/21 13:09:08.5000	0.356	-16.394	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1993/07/21 00:30:17.2600	-0.0407	-16.716	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1993/03/02 04:33:44.7000	12.62	-45.87	3	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1989/09/02 22:00:32.1000	0.47	-24.13	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1989/07/14 15:43:25.0000	-1.2	-15.1	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1989/07/09 09:46:39.6000	-1.577	-15.548	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1989/04/16 10:51:16.5000	4.63	-32.664	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1989/02/13 08:06:55.8000	7.957	-38.092	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1989/02/04 17:00:07.0000	-0.4	-14.2	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1989/02/04 17:00:02.9000	-0.71	-13.59	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1989/02/04 15:52:11.0000	1.8	-14.1	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1988/12/23 21:49:15.0000	0.4	-29.5	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1988/12/06 19:42:31.7900	-1.4191	-15.2661	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1988/05/21 15:16:18.0000	4.3	-26.8	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1988/05/18 05:39:51.4000	13.4524	-44.8512	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1987/03/12 23:10:46.0000	0.3	-16.7	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1987/03/12 23:10:31.3200	-0.1749	-18.1919	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1987/01/13 06:47:50.2000	-4.88	-11.64	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1986/12/29 12:39:24.3000	-0.37	-19.69	33	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1986/09/20 01:31:14.2200	0.8815	-29.2521	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1986/09/20 01:31:13.9000	0.843	-29.233	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1986/09/05 10:32:18.0000	-1.1	-17.7	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1986/07/10 06:53:27.0000	7.1	-32.3	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1986/07/10 06:53:04.3000	4.275	-32.618	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1985/09/25 07:06:50.5000	13.38	-44.02	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1985/06/04 12:06:09.2000	0.59	-18.92	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1985/04/08 09:56:02.2000	7.05	-33.8	33	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1984/12/20 23:31:18.5000	7.43	-33.74	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1984/11/04 17:35:28.9000	11.05	-43.32	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1984/09/19 08:32:28.4000	2.73	-29.29	33	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1984/08/30 20:12:25.3000	-3	-26.53	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1984/06/01 11:14:05.1000	-4.65	-11.54	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1983/10/13 23:27:35.8000	7.66	-34	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1983/09/24 20:40:25.7000	-6.2	-13.23	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1983/09/08 20:36:14.1000	0.63	-16.89	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1983/04/03 18:59:24.0000	5.84	-32.35	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1982/12/04 12:54:38.8000	8.44	-40.2	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1982/08/30 11:20:21.8000	0.08	-17.69	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1982/08/30 08:39:20.5000	-0.33	-18.01	3	Mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1981/10/16 15:43:20.7500	-0.1232	-16.5433	10	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1980/10/27 08:46:52.0000	1	-26	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1980/10/16 01:32:34.6600	-6.8759	-11.5964	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1979/07/15 15:06:53.4000	-1.02	-13.75	33	MB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1979/03/08 11:07:08.4000	-4.7	-11.34	33	MB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1979/02/22 18:31:05.8000	0.76	-16.42	3	MB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1979/02/11 08:01:02.0000	12	-45	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1979/01/28 19:19:57.0000	15	-41	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1978/03/20 15:43:00.0000	1	-26	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1978/03/19 18:43:40.8000	-1.481	-15.611	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1977/04/09 04:44:25.0000	-4.9	-11.8	0	MB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1977/03/22 04:11:39.0000	-11.6	-14.1	0	MB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1976/11/27 04:34:18.4000	1.038	-26.378	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1976/11/27 04:34:17.7200	1.0576	-26.3805	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1976/08/16 02:27:38.0000	-0.5	-17.1	0	MB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1976/06/15 23:34:35.6000	-1.438	-14.069	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1976/05/04 04:40:45.1000	8.096	-38.086	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1975/12/15 13:38:06.8000	0.7165	-26.0921	0	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1975/09/24 11:03:00.5000	-11.96	-14.486	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1974/03/06 02:33:49.0000	-5.2	-12	0	MB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1973/10/13 21:10:49.3000	4.801	-32.591	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1972/12/17 20:53:05.0000	-1.2	-15.9	0	MB	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1972/04/08 04:55:04.9000	8.053	-38.787	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1972/02/13 21:23:22.6500	0.9799	-28.3944	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1971/11/05 11:19:39.3000	0.814	-25.454	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1970/06/26 15:53:11.2000	0	-17.9	33	mb	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	2011/07/08 05:53:02.3000	1.023	-26.398	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2011/07/08 05:53:01.5000	0.8	-26.13	9	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2011/02/26 22:19:38.5000	7.8	-38.8	10	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2011/02/12 02:53:15.1000	0.079	-17.018	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2010/12/22 04:03:41.9000	-5.1	-11.8	10	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2010/11/22 05:09:52.1000	8.1682	-39.3958	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2010/11/22 05:09:50.0000	8.1	-39.4	9	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2010/11/17 22:33:42.0000	-7.7	-13.5	11	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2010/11/04 12:29:28.1800	11.528	-44.616	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2010/07/31 11:36:57.4000	-1.46	-15.01	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2010/02/27 19:54:28.6900	10.84	-43.406	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2009/07/16 15:05:42.6000	3.47	-31.5	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2009/04/08 08:22:56.8000	8.148	-37.992	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2009/03/24 12:34:52.7000	14.554	-45.069	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2009/03/22 12:54:52.8000	-13.2	-14.15	27	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2009/03/16 01:38:00.9000	0.3	-17.58	13	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2009/02/24 00:46:39.1000	-0.2	-18.52	10	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2008/11/22 18:49:36.4000	-1.989	-12.959	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2008/10/26 04:56:06.6000	-6.46	-11.44	10	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2008/10/21 21:21:51.0000	-10.4	-13.1	10	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2008/09/05 19:07:38.2900	-1.171	-13.955	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2008/09/05 19:07:36.7000	-1.13	-13.883	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2008/08/11 23:38:35.3000	-1.91	-21.42	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2007/11/27 10:13:49.9400	-1.3196	-13.285	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2007/09/26 18:39:32.3000	-7.087	-12.293	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2007/09/07 09:25:17.3000	7.337	-34.682	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2007/07/31 22:55:32.0400	-0.1853	-17.7754	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2007/07/03 08:26:14.6000	2.165	-30.815	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2007/05/04 12:06:52.2000	-1.407	-14.911	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2007/02/08 14:32:10.0000	8.2	-39.3	10	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2006/11/13 08:53:59.5000	-12.449	-14.798	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2006/09/30 12:47:23.4200	7.3309	-34.6511	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2006/04/08 22:03:09.4000	-0.17	-17.98	0	Mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/03/20 03:16:50.1000	1	-28.2	10	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2006/01/29 05:57:08.6000	13.3	-44.9	10	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2005/03/21 16:14:38.5000	-1.1	-24.6	21	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2005/01/12 08:40:01.7400	-0.8826	-21.1186	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2004/04/19 08:14:11.4000	3.614	-32.234	10	MB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2004/04/04 18:04:32.8000	-4.12	-11.65	15	mB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2004/03/08 23:39:10.2000	10.503	-43.925	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2004/02/07 23:41:02.5000	13.7235	-44.7977	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2004/02/07 23:40:58.8700	13.435	-44.827	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2003/12/23 05:58:37.3800	-0.6655	-20.3453	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2003/11/09 19:52:44.2000	0.096	-18.912	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2003/02/13 05:59:18.2000	-5.706	-11.365	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2002/06/12 19:52:47.3600	-0.676	-20.722	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2001/01/24 05:34:32.4000	-0.596	-19.863	10	MB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2001/01/24 05:34:32.9000	-0.389	-19.914	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2001/01/02 19:37:37.9000	1.423	-27.291	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2000/09/23 02:17:47.0000	4.2838	-32.4825	33	Mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2000/09/23 02:17:40.6000	4.251	-33.875	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1999/12/17 04:03:27.8900	8.069	-38.026	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1999/09/06 01:51:18.2000	-14.021	-13.161	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1998/07/26 03:38:28.3000	-0.649	-20.886	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1998/06/18 04:17:55.4000	-11.509	-13.952	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1998/04/12 04:09:29.4000	4.78	-47.681	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1997/07/22 19:10:35.2000	4.659	-32.713	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1996/08/27 14:36:47.7000	-5.58	-12.68	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1996/06/02 02:52:09.6000	10.76	-42.24	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1994/11/14 11:27:57.0000	0.22	-16.88	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1994/08/29 17:36:21.2400	-0.3415	-19.1832	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1994/05/17 20:00:40.8000	0.03	-16.55	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1993/11/25 20:24:02.0000	0	-16	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1993/07/21 00:30:16.9000	-0.087	-16.71	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1993/02/18 10:10:46.9000	-0.4	-19.55	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1992/09/16 00:17:52.1000	14.97	-45.07	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1990/08/12 00:35:06.5000	1.33	-28.08	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1989/12/18 07:13:13.0000	1.3	-26.9	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1989/11/21 20:36:19.1000	-0.64	-19.79	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1989/11/21 20:36:19.3400	-0.6206	-19.7886	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1989/11/15 04:00:40.6000	-0.584	-19.985	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1989/11/15 04:00:40.9000	-0.5548	-19.9786	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1989/11/15 04:00:37.0000	-1.3	-20.5	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1989/07/09 09:46:32.0000	-3.1	-15.5	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1988/12/27 13:05:52.4000	0.97	-28.88	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1988/12/06 19:42:31.5000	-0.96	-15.68	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1988/12/06 19:42:10.0000	-4.3	-18.5	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1988/02/22 01:58:42.0000	-2.4	-15.7	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1986/06/17 08:48:18.6000	4.46	-32.61	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1986/01/30 20:42:20.8000	1.6	-27.83	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1985/02/11 07:39:32.8500	4.5541	-32.5649	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1984/11/02 03:38:45.9000	-10.55	-11.44	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1984/10/27 22:59:08.5500	0.5998	-28.833	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1984/08/31 20:55:57.0000	4.3	-37.2	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1983/10/13 13:06:38.4900	-0.8225	-21.7895	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1982/11/14 17:29:22.3000	0.68	-28.88	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1981/02/16 04:58:43.0000	-7	-13	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1980/11/01 16:00:43.8000	-3.06	-13.18	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1979/06/06 11:36:26.3000	12.28	-43.85	3	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1978/03/19 18:43:01.0000	-8	-14	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1978/02/24 07:02:39.6000	-4.61	-12.37	10	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1977/07/28 01:47:27.0000	-1.3	-14.2	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1977/06/18 20:38:46.6000	-13.72	-14.606	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1977/04/04 17:52:19.7000	7.301	-34.857	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1976/11/27 04:34:19.0000	1.2	-26.4	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1976/06/15 23:34:41.0000	-0.8	-13.4	0	MB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1976/05/14 06:25:32.8200	10.7875	-43.5109	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1975/12/15 13:38:06.0000	0.631	-26.055	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1975/10/07 13:18:45.3400	0.888	-26.4861	0	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1974/05/07 03:04:53.0000	13.3	-45.1	0	MB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1974/01/13 21:31:31.0000	3.5	-32.3	0	MB	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1973/11/15 15:06:35.5000	-1.374	-15.791	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1970/12/25 12:53:37.6000	-0.28	-19.2	33	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	1970/08/11 03:48:51.9000	-1.05	-13.81	25	mb	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2011/05/15 13:08:13.0600	0.569	-25.647	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2011/05/15 13:08:11.5000	0.5	-25.6	10	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2010/11/04 12:29:31.3500	12.837	-44.845	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2010/11/04 12:29:29.3000	12.851	-44.846	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2010/07/31 11:36:53.9000	-0.946	-15.951	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2009/12/09 16:00:42.0000	-0.593	-20.965	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2008/12/08 01:51:01.0100	13.415	-44.795	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2008/12/07 06:23:20.6000	13.378	-43.326	33	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2008/12/07 06:23:09.9100	13.35	-44.826	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2008/09/05 19:07:41.0000	-1.01	-13.92	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2008/08/11 23:38:37.0000	-0.87	-21.723	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2008/07/27 21:15:24.2000	-2.583	-18.386	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2007/09/07 09:25:14.9000	7.3	-34.7	10	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2007/08/20 12:37:07.9300	-0.2697	-18.1798	0	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2007/08/20 12:37:03.7000	0.67	-19.18	14	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/08/20 12:36:53.8000	-1.084	-17.787	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2007/07/31 22:55:38.0000	-0.23	-17.18	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2007/07/31 22:55:23.3000	-1.169	-17.86	11	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2007/07/31 22:54:48.8000	-2.9918	-26.2884	30	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2007/02/08 16:28:08.0000	8.6	-39.4	10	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2007/01/26 21:00:46.0000	9.1	-40.5	10	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2006/09/30 12:47:25.1000	7.33	-34.59	0	Mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2006/09/30 12:47:23.3000	6.97	-34.66	33	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2006/04/10 06:26:13.3000	7.5	-36.9	10	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2006/04/08 22:03:03.9000	-0.3	-18.1	10	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2005/10/02 06:54:56.1000	0.8	-29.7	10	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2005/08/15 07:53:39.6000	-1.48	-13.3	8	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2004/02/07 23:40:57.3000	13.506	-44.857	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2003/12/23 05:58:37.1000	-0.7	-20.3	10	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2003/12/23 05:58:37.1900	-0.696	-20.33	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2003/02/13 05:59:11.5000	-6.7	-11.8	10	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2002/06/25 20:15:56.4000	-5.41	-11.78	5	mB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2002/06/12 19:52:47.5800	-0.658	-20.717	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2001/07/12 06:12:16.7000	-7.429	-13.378	10	MB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2000/09/23 02:17:18.9000	-1.1	-31.4	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1999/12/17 04:02:45.6000	-0.9	-36.6	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1998/12/13 17:31:58.8000	13.327	-44.86	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1998/04/10 16:40:38.2000	-1.236	-15.964	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1997/11/10 12:47:42.0000	0	-14	0	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1997/11/10 12:47:34.5000	0.89	-17.75	19	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1996/02/19 02:28:04.0000	-7	-13	0	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1995/03/04 17:56:38.8000	-13.96	-14.54	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1994/05/17 20:00:58.0000	2.3	-16.5	0	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1993/11/19 09:05:39.5300	7.3489	-34.722	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1993/09/21 13:09:12.0000	0.6	-16.3	0	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1993/01/07 07:42:27.5800	0.2014	-16.9948	15	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1991/01/20 00:09:55.3000	-2.98	-11.98	3	Mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1990/08/26 21:51:20.7000	9.52	-40.3	3	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1990/08/05 17:43:01.0000	2.2	-12	33	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1990/08/05 17:42:32.1000	-1.08	-13.887	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1989/08/31 11:04:58.4000	0.11	-17.78	3	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1989/08/31 11:04:55.0000	-0.9	-18.1	0	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1989/02/04 15:51:52.3000	0.082	-16.658	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1986/11/28 00:55:08.5000	-9.55	-11.72	3	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1985/09/22 18:23:14.7000	12.7	-44.8	0	Mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1984/12/08 12:24:41.7600	-1.0417	-23.4239	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1984/10/09 11:23:16.5000	0.34	-19.53	3	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1984/04/22 06:14:45.0000	1.3	-15.8	33	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1979/11/14 22:04:47.0000	0.03	-26.8	3	MB	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1979/06/28 04:14:43.9000	0.384	-24.966	10	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1978/03/20 18:09:57.0000	1	-26	33	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1978/03/20 15:42:43.5000	0.8105	-29.7641	0	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1978/03/19 18:43:15.0000	-7	-13	33	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1978/02/24 07:02:09.0000	-11	-7	0	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1977/04/04 17:52:20.4000	7.3876	-34.8678	0	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1977/03/26 22:26:58.0000	-0.3	-13.3	0	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1975/10/07 13:18:45.9000	0.867	-26.495	33	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	1975/08/25 21:49:25.8000	9.796	-43.992	33	mb	5.6	2.55929E+24	5.57	36.38	0.0483	132.73
ISC	2011/08/10 23:45:43.0000	-7.2	-12.7	9	mB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2010/12/31 16:30:53.4000	0.36	-25.61	12	mB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2010/11/26 13:01:55.8000	10.8	-43.8	10	mB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2009/03/27 10:00:46.0000	-13	-14.3	16	mB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2008/12/08 01:51:06.2000	13.092	-43.896	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2008/11/22 18:49:42.7900	-1.1892	-14.0194	8	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2008/11/22 18:49:41.3600	-1.1685	-14.0014	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2008/08/28 15:22:23.6100	-0.0245	-17.4395	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2007/11/27 10:13:49.6500	-1.356	-13.29	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2007/08/20 12:37:06.6600	-0.256	-18.175	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2007/08/20 12:36:26.5000	-2.9918	-26.2884	30	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2007/07/31 22:55:36.5000	0.08	-17.36	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2007/07/31 22:55:28.8000	0.5	-18.54	14	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2007/07/03 08:25:59.3300	0.7697	-30.1971	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2007/05/04 12:06:47.1000	-2.335	-14.398	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2007/01/15 10:11:29.5000	8.8	-39.7	10	mB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2006/06/05 06:34:26.5000	-0.134	-28.291	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2006/03/09 17:55:55.3000	0.8	-26.1	10	mB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2004/04/19 08:14:09.7000	3.66	-32.235	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2004/03/08 23:39:13.3000	10.5	-43.9	10	mB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2003/12/23 05:58:37.3000	-0.644	-20.32	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2003/10/02 15:21:37.5000	3.1976	-9.4995	20	Mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2002/08/03 14:18:13.4000	-1.5	-14.4	10	mB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2000/09/10 21:38:22.0000	3	-10	0	Mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1998/12/13 17:31:50.0000	11	-46	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1998/08/05 07:31:11.0000	7	-32	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1997/08/26 08:43:27.5000	-6.944	-21.953	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1996/08/13 19:34:37.0000	-7	-13	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1996/02/19 02:28:31.8000	-1.25	-14.26	16	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1994/08/29 17:36:21.9000	-0.13	-18.89	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1993/11/19 09:05:39.3000	7.317	-34.703	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1993/09/20 10:17:42.1600	0.7573	-29.3451	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1993/01/07 07:42:27.3000	0.71	-17.29	18	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1992/07/25 09:12:22.7000	0.95	-24.34	3	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1990/07/14 07:25:01.0000	1.4	-12.8	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1990/07/14 05:54:20.0000	-1.1	-17.3	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1989/12/18 07:13:01.0000	0.939	-28.976	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1989/11/21 20:36:22.3000	-0.03	-19.26	3	Mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1989/07/14 15:42:50.0000	-6.6	-15.1	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1989/04/16 08:35:06.6000	5.22	-32.55	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1988/12/23 21:49:09.1000	0.7747	-29.4081	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1988/05/20 14:58:43.5800	8.1059	-38.408	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1988/04/20 04:25:44.0000	0.8	-29.5	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1987/02/01 06:56:21.0000	1.9	-15	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1986/09/20 01:31:14.3000	0.92	-28.92	3	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1986/07/10 06:53:03.4000	4.29	-32.52	3	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1985/10/12 22:20:37.0000	0.5	-30	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1985/09/22 18:23:12.2000	12.51	-44.316	10	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1985/01/10 17:48:25.0000	14.2	-42.1	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1984/08/31 20:56:20.4000	7.56	-33.67	3	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1984/08/31 20:56:16.0000	6.1	-32.3	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1984/07/19 05:22:23.6000	-6.59	-12.57	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1982/07/23 02:53:28.9000	1.24	-27.92	3	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1981/12/06 14:54:37.1000	7.82	-36.14	3	Mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1981/02/16 04:58:10.8700	-11.3462	-13.023	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1979/08/25 08:44:06.0000	12	-45	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1979/01/28 19:45:24.0000	12	-45	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1979/01/28 19:45:20.8100	11.9206	-43.6985	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1978/03/20 18:09:42.5600	0.7724	-29.677	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1978/03/20 15:42:47.6000	1.95	-29.75	33	MB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1978/03/20 15:42:46.7000	0.831	-29.817	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1976/05/04 04:40:58.0000	9.8	-37.7	0	MB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1975/10/07 13:18:36.0000	-0.2	-26.8	0	MB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1975/08/25 21:49:26.4600	10.0876	-44.1309	33	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1973/11/15 15:06:30.0000	-1.3	-16.2	0	MB	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	1972/02/13 21:23:19.0000	1.1	-28.2	0	mb	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2011/07/27 23:00:29.0000	10.869	-43.43	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2010/01/27 17:42:45.6900	-14.106	-14.4868	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2009/11/20 19:31:28.6000	0.17	-18.25	10	mB	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2009/07/16 15:05:44.7000	3.08	-31.32	10	mB	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2008/11/22 18:49:52.0000	-1.49	-14.35	88	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2008/02/08 09:38:57.0000	10.88	-41.02	358	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2007/11/27 10:14:02.2000	-0.29	-12.08	33	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2007/11/27 10:13:47.8000	-1.29	-13.281	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2007/11/27 10:13:47.4000	-1.55	-13.16	9	mB	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2007/07/03 08:26:00.8100	0.715	-30.272	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/05/04 12:06:52.2000	-1.4	-14.9	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2006/09/30 12:47:21.5000	7.424	-34.668	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2005/01/12 08:40:02.3000	-0.743	-21.136	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1996/02/16 09:45:00.8000	-1.48	-15.23	24	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1995/05/18 00:06:38.0000	-1	-17	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1994/03/14 04:30:17.0000	-1	-22	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1994/03/14 04:30:10.4400	-0.727	-24.1504	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1993/11/19 09:05:39.3000	7.63	-34.71	3	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1993/09/20 10:17:42.0000	0.75	-29.354	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1990/04/17 11:34:09.1000	7.59	-35.18	3	Mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1989/07/14 15:43:17.8000	-1.21	-15.42	3	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1989/04/16 10:51:16.7000	4.72	-32.52	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1989/02/13 08:06:57.6000	8.43	-37.95	3	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1988/12/23 21:49:08.9000	0.769	-29.41	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1988/05/21 15:15:45.4000	1.13	-29.85	3	Mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1988/05/20 14:58:43.5000	8.116	-38.413	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1988/05/18 05:39:48.0000	12.6	-45.1	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1988/04/20 04:25:36.6000	0.96	-30.267	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1986/06/24 06:56:45.0000	-1.5	-18.6	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1985/10/12 22:21:05.8000	4.48	-28.79	33	Mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1985/02/11 07:39:52.0000	7.2	-29	33	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1984/12/08 12:24:42.6000	-0.55	-23.38	3	Mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1984/12/07 10:19:11.6300	-1.3924	-15.0157	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1984/04/22 06:14:26.0000	-0.5	-20	0	Mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1984/04/22 06:14:21.5000	-0.541	-19.857	10	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1980/10/27 08:46:30.0000	-3	-21	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1980/10/16 01:32:33.3000	-6.62	-12.69	3	MB	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1979/06/10 06:49:55.3300	8.1416	-38.1242	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1977/09/12 14:18:00.0000	-12.9	-15.6	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1977/06/14 21:39:33.6600	-14.021	-14.4916	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1973/10/11 02:07:52.7000	0.636	-29.514	33	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1973/08/28 15:02:04.2500	-0.1486	-17.97	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	1973/02/08 19:05:25.0000	-9.5	-13.4	0	mb	5.8	3.21041E+24	5.64	42.19	0.0567	134.31
ISC	2008/11/22 18:49:42.3800	-1.23	-13.933	10	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	2008/05/23 19:35:33.7700	7.4024	-34.8753	10	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	2008/05/23 19:35:17.3000	6.117	-35.765	10	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	2007/08/20 12:37:13.0000	-0.12	-17.26	10	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	2006/03/04 00:53:31.7000	1.1	-27.9	10	mB	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	2004/04/19 08:14:10.8000	4.45	-31.86	10	mB	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	2003/12/21 20:31:24.8000	-1.2082	-11.5957	2	Mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1996/02/19 02:28:30.6000	-1.35	-14.04	10	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1994/03/14 04:30:16.9500	-1.109	-23.5378	10	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1993/09/20 10:17:41.3000	1.01	-29.29	3	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1993/06/20 22:18:10.8000	-10.49	-13.46	33	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1992/08/28 18:19:04.0000	1.2	-13.7	33	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1991/06/30 03:08:13.5000	-14.24	-13.66	3	Mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1989/04/16 08:34:46.0000	-0.3	-28.1	0	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1987/03/12 23:10:19.0000	-2.4	-18.6	0	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1985/02/11 07:39:41.1000	5.49	-31.24	3	Mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1984/12/07 10:19:10.7000	-1.423	-15.055	10	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1981/12/06 14:54:09.0000	3.8	-35.8	0	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1979/06/09 06:31:48.0000	12	-44	0	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	1973/10/11 02:07:51.7600	0.5176	-29.4717	0	mb	5.9	3.59567E+24	5.67	45.43	0.0614	135.11
ISC	2010/01/27 17:42:45.1500	-14.1	-14.554	10	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2008/08/28 15:22:19.3000	-0.079	-17.669	10	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2008/07/27 21:15:54.9000	0.83	-16.93	33	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2007/08/20 22:42:39.9000	9.628	-38.758	10	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2007/07/03 08:26:10.1000	1.17	-29.07	33	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2004/01/16 18:07:54.5000	7.775	-37.7	10	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1996/06/02 02:52:39.0000	14	-41	0	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1994/03/14 04:30:07.6000	-1.083	-23.929	10	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1992/09/21 10:18:58.0000	-6.4	-13.5	0	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1992/09/21 10:18:48.5000	-7.71	-13.56	3	Mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1990/07/14 05:54:42.0000	1.8	-17.1	33	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1989/04/16 10:51:20.2000	6.23	-32.11	10	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1984/12/07 10:18:59.0000	-4	-16	0	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1981/02/16 04:58:12.2000	-11.15	-13.11	3	Mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1979/08/25 08:44:04.4600	10.7178	-41.6779	0	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1979/06/28 04:14:47.6000	0.86	-24.22	3	MB	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1979/06/10 06:49:57.4000	9.24	-37.92	3	MB	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1977/06/14 21:39:35.2000	-14.12	-14.433	33	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1977/04/04 17:52:17.0000	7.6	-34.5	0	MB	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1972/04/11 02:21:15.7000	0.967	-28.286	33	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1972/04/11 02:21:10.8900	0.9924	-28.3014	0	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1971/09/30 21:24:10.7900	-0.4465	-4.8903	0	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1971/08/05 01:58:53.1600	-0.8497	-22.0744	0	mb	6	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2011/02/12 02:53:12.9000	0.07	-16.98	7	mB	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	2008/08/28 15:22:23.8000	-0.21	-17.38	21	mB	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	2008/05/23 19:35:33.9000	6.8	-35.14	33	mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	2008/05/23 19:35:33.8000	7.47	-34.908	9	mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	2008/02/08 09:38:19.4000	11.807	-42.381	10	mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	1996/06/02 02:52:09.5000	10.797	-42.254	10	mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	1989/04/16 10:51:00.0000	1.3	-32.3	0	mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	1988/12/23 21:49:09.3000	1.18	-29.41	3	Mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	1988/05/20 14:58:42.0000	8.36	-38.69	3	Mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	1988/04/20 04:25:36.9000	1.24	-30.2	3	Mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1985/06/06 02:40:13.3400	0.9698	-28.4377	10	mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	1984/04/22 06:14:26.0000	0.11	-19.07	3	Mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	1979/08/25 08:44:04.0000	10.731	-41.688	10	mb	6.1	4.51045E+24	5.74	52.69	0.0720	136.69
ISC	2008/09/10 13:08:13.1700	8.1259	-38.6644	10	mb	6.2	5.05173E+24	5.77	56.74	0.0780	137.48
ISC	2008/02/08 09:38:15.3000	10.71	-41.9	10	mb	6.2	5.05173E+24	5.77	56.74	0.0780	137.48
ISC	2004/01/16 18:07:54.6000	7.6	-37.7	10	mB	6.2	5.05173E+24	5.77	56.74	0.0780	137.48
ISC	1992/08/28 18:18:46.2200	-0.9879	-13.6006	0	mb	6.2	5.05173E+24	5.77	56.74	0.0780	137.48
ISC	1990/07/14 07:24:39.3000	0.26	-17.66	3	Mb	6.2	5.05173E+24	5.77	56.74	0.0780	137.48
ISC	1990/07/14 05:54:25.8100	0.0435	-17.382	0	mb	6.2	5.05173E+24	5.77	56.74	0.0780	137.48
ISC	1985/02/11 07:39:22.0000	2.9	-33.4	0	mb	6.2	5.05173E+24	5.77	56.74	0.0780	137.48
ISC	1979/06/10 06:50:09.0000	9	-33	0	mb	6.2	5.05173E+24	5.77	56.74	0.0780	137.48
ISC	1978/03/20 18:09:34.0000	-1	-26	0	mb	6.2	5.05173E+24	5.77	56.74	0.0780	137.48
ISC	1975/10/07 08:28:08.3500	0.9075	-26.7078	0	mb	6.2	5.05173E+24	5.77	56.74	0.0780	137.48
ISC	2008/09/10 13:08:12.8000	8.12	-38.72	10	mb	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	2008/02/08 09:38:20.6000	10.9	-41.34	33	mb	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	2008/02/08 09:38:13.6800	10.7251	-41.902	0	mb	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	2008/02/08 09:38:12.5200	10.7542	-41.8959	0	mb	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	2007/08/20 22:42:28.5300	8.037	-39.251	6	mb	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	2005/01/12 08:40:03.6000	-0.9	-21.2	10	mB	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	1996/02/18 23:49:29.5000	-1.22	-14.23	22	mb	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	1992/08/28 18:18:46.4000	-0.965	-13.562	0	mb	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	1985/06/06 02:40:23.0000	1.5	-27.8	33	mb	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	1972/04/11 02:21:17.0000	1.2	-28.4	0	mb	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	1971/08/05 01:58:51.7000	-0.853	-22.13	33	mb	6.3	5.65796E+24	5.80	61.10	0.0845	138.27
ISC	2008/09/10 13:08:22.0000	8.16	-37.67	11	mb	6.4	6.33695E+24	5.83	65.80	0.0915	139.06
ISC	2007/08/20 22:42:27.0000	8.053	-39.226	10	mb	6.4	6.33695E+24	5.83	65.80	0.0915	139.06
ISC	1989/02/04 15:51:54.0000	0	-16.6	0	mb	6.4	6.33695E+24	5.83	65.80	0.0915	139.06
ISC	1985/06/06 02:40:19.1000	0.7	-28.7	0	Mb	6.4	6.33695E+24	5.83	65.80	0.0915	139.06
ISC	1984/11/01 04:49:33.0000	14.4	-39	33	mb	6.4	6.33695E+24	5.83	65.80	0.0915	139.06
ISC	1984/11/01 04:48:59.8000	9.82	-38	3	Mb	6.4	6.33695E+24	5.83	65.80	0.0915	139.06
ISC	1979/08/25 08:44:32.0000	15	-39	0	mb	6.4	6.33695E+24	5.83	65.80	0.0915	139.06
ISC	1975/10/07 08:27:59.0000	-0.1	-27.6	0	MB	6.4	6.33695E+24	5.83	65.80	0.0915	139.06
ISC	2008/09/10 13:08:14.9000	8.09	-38.748	10	mb	6.5	7.09741E+24	5.87	70.86	0.0991	139.85
ISC	2008/09/10 13:08:14.8000	8.091	-38.748	10	mb	6.5	7.09741E+24	5.87	70.86	0.0991	139.85
ISC	1994/03/14 04:30:24.3000	1.03	-24.03	3	mb	6.5	7.09741E+24	5.87	70.86	0.0991	139.85
ISC	1992/08/28 18:18:44.5000	-0.75	-13.61	3	Mb	6.5	7.09741E+24	5.87	70.86	0.0991	139.85
ISC	1979/08/25 08:44:07.3000	11.73	-41.73	3	MB	6.5	7.09741E+24	5.87	70.86	0.0991	139.85
ISC	2008/02/08 09:38:12.5000	10.72	-41.91	10	mb	6.6	7.94914E+24	5.90	76.31	0.1073	140.64
ISC	2007/08/20 22:42:36.0000	7.4	-38.58	10	mB	6.7	8.90307E+24	5.93	82.17	0.1162	141.43
ISC	1996/02/16 09:44:59.0000	-1.43	-15.13	10	mb	6.7	8.90307E+24	5.93	82.17	0.1162	141.43
ISC	1996/02/16 09:44:34.0000	-7	-13	0	mb	6.7	8.90307E+24	5.93	82.17	0.1162	141.43
ISC	1984/11/01 04:48:52.0000	8.5	-38.5	33	Mb	6.7	8.90307E+24	5.93	82.17	0.1162	141.43
ISC	2007/07/03 08:26:04.0000	0.69	-29.9	10	mB	6.9	1.11681E+25	6.00	95.30	0.1363	143.02

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2010/06/29 20:12:16.7100	-1.1584	-17.847	0	mb1	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2011/05/01 18:40:36.6500	8.6814	-40.7161	0	mb1	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2010/11/07 02:54:00.0100	-5.432	-11.1397	0	mb1	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/06/11 22:50:28.4600	-11.0526	-13.6428	0	mb1	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/01/01 20:46:34.9600	-7.7727	-13.4238	0	mb1	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2009/05/18 15:51:20.2000	1.0956	-25.6774	0	mb1	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2009/02/06 19:46:00.1000	0.6341	-26.4105	0	mb1	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/05/31 02:19:27.1200	0.4699	-17.7265	0	mb1	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/02/12 12:00:50.5900	-0.1238	-19.8152	0	mb1	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/03/26 23:37:54.7000	-0.5867	-12.8126	0	mb1	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/04/10 01:50:06.7700	-0.3656	-19.2632	0	mb1	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/02/17 17:11:06.8700	7.7925	-38.0891	0	mb1	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/10/18 17:38:59.6000	-7.1595	-14.6707	0	mb1	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/10/15 21:08:18.4800	0.3315	-28.951	0	mb1	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/04/12 02:43:03.2100	-2.4041	-11.7191	0	mb1	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/11/27 19:17:53.8300	-7.1539	-13.5602	0	mb1	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/04/07 06:07:35.2900	-1.5713	-13.511	0	mb1	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/03/11 15:00:35.7300	1.1381	-26.3944	0	mb1	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/08/16 01:54:00.6400	-12.401	-14.8695	0	mb1	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/03/11 09:00:28.6900	-2.125	-12.176	0	mb1	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/09/29 17:57:09.8500	-7.3622	-13.5786	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/08/13 05:48:39.6800	8.7624	-39.4451	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/05/12 05:19:19.4400	-9.5919	-13.9687	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/05/01 01:07:02.0700	2.0264	-30.621	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/01/11 15:41:32.6800	-6.4192	-10.9346	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/12/14 19:28:32.3300	-1.1579	-24.524	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/07/18 23:13:16.3300	-0.6537	-15.8504	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/06/23 00:48:42.3500	-7.4181	-13.5694	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/11/26 22:55:53.5200	9.8395	-42.4017	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/11/09 17:14:27.6200	-4.7415	-12.2054	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/10/19 12:33:39.8300	-0.3684	-16.1591	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/05/03 18:43:09.9800	-13.9787	-14.1938	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/11/02 00:21:25.7900	8.117	-34.9637	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/05/25 07:16:36.7000	4.1139	-32.4415	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/02/09 02:50:36.2800	10.8239	-41.7643	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/11/25 14:52:48.1200	-6.2561	-10.5741	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/08/19 02:14:41.2200	-7.719	-12.308	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/04/29 03:50:20.1300	-0.9027	-16.1228	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/05/25 19:14:46.6400	-0.0642	-16.7017	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/03/14 19:46:01.3100	-1.1474	-24.5094	0	mb1	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/04/25 04:22:46.5600	8.6609	-39.4342	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/03/11 04:51:24.5300	3.0461	-31.3685	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/10/29 18:03:02.6300	-12.4755	-14.6095	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2010/06/09 21:27:39.7600	-5.0926	-10.5101	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/04/06 19:10:21.9700	11.3719	-44.4041	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/03/31 18:55:25.5100	10.5309	-39.712	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/10/30 03:56:30.4600	-1.3066	-15.6196	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/05/19 05:21:37.3400	6.7527	-33.7301	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/07/16 11:41:49.6200	7.4902	-34.5593	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/06/28 06:21:08.7100	-0.3247	-19.1999	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/06/15 09:12:12.3300	-1.0193	-24.036	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/02/05 16:37:00.8300	-1.2599	-14.0924	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/03/07 21:17:46.2000	0.9259	-26.0071	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/02/07 15:24:08.0200	5.5602	-32.8331	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/06/27 08:09:37.4900	0.8605	-30.1468	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/05/28 21:49:08.5800	-11.6179	-14.1358	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/03/27 15:29:42.1400	14.4907	-44.5002	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2004/02/16 05:06:06.8300	6.1714	-33.3567	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/07/15 05:50:40.9600	3.2144	-31.4884	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/07/15 04:15:58.2400	3.0855	-31.444	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/03/10 09:20:12.9800	7.8259	-37.058	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2002/12/21 13:51:45.7000	0.0353	-16.99	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2002/10/13 11:18:56.7500	-0.3457	-5.8668	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2002/04/28 01:21:49.3500	2.6805	-31.4137	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2002/04/06 09:33:05.5300	11.3459	-44.1445	0	mb1	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/08/25 18:08:56.8700	0.7492	-28.8123	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/03/19 16:06:09.2100	-11.1027	-12.534	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/03/16 14:37:57.3300	-11.3934	-12.9606	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/03/10 18:06:39.0000	2.5721	-31.2297	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/11/18 12:17:42.2900	13.0953	-44.8586	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/10/22 08:55:18.1500	-7.6639	-13.1764	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/10/15 03:44:48.7200	-13.6892	-14.3945	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/09/29 17:42:07.1500	3.8143	-32.4966	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/01/04 15:36:13.3700	8.194	-37.9692	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/11/30 17:47:50.4600	-3.0517	-11.2614	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/11/22 00:11:59.2800	-1.2287	-15.754	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/09/04 02:58:57.4600	8.2717	-38.1229	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/04/13 18:21:10.9200	0.0646	-16.7051	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/12/26 17:15:35.5000	7.3194	-34.1369	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/11/15 03:07:01.1600	3.0622	-31.3089	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/09/19 09:34:20.9700	1.3351	-27.0806	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/05/30 21:24:43.4300	6.9657	-34.378	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/05/17 03:20:50.4800	0.9117	-29.2507	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/10/22 13:13:51.3900	-3.6105	-11.8742	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/06/12 16:27:20.5000	-1.1972	-16.7745	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/05/26 11:34:24.8500	4.2724	-32.4965	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/11/18 15:00:26.1800	0.7375	-29.0019	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/10/15 16:10:25.5200	-3.8207	-11.4204	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/03/28 01:43:31.3100	7.5933	-36.2568	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/02/20 19:26:47.9800	-10.3121	-13.2598	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/02/17 10:38:41.6200	9.5904	-40.4094	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/10/16 19:57:24.2000	-0.4319	-17.0767	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2004/07/10 09:04:32.5700	3.534	-32.6119	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/08/05 05:15:32.5200	-3.5398	-10.7467	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/07/15 06:55:44.5800	3.3264	-31.3659	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/05/17 03:22:28.9200	0.5504	-29.8197	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/02/25 08:55:33.9100	5.2763	-32.9398	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/01/03 14:12:40.1500	5.7196	-34.0259	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/10/11 18:37:07.1700	-12.4042	-14.8578	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/09/13 18:07:59.4100	-1.9538	-13.4983	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/05/27 14:13:16.7100	-6.5189	-11.1828	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/04/06 09:33:14.4300	11.0453	-44.2786	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/02/24 22:04:53.0800	-7.686	-13.3711	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/09/25 17:41:26.9200	12.2669	-43.9024	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/06/08 10:50:39.9900	-3.8926	-16.2964	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/05/10 01:54:07.8100	7.7659	-37.2415	0	mb1	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/03/10 18:00:06.4900	2.8032	-31.2614	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/12/15 05:09:52.9500	-1.2103	-15.1107	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/05/25 09:22:07.7900	0.0193	-16.8938	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/02/13 23:17:29.0800	0.7434	-29.2561	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/01/19 14:53:23.7200	0.6174	-28.8028	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/06/21 12:58:36.4400	-7.5718	-13.45	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/06/17 06:45:12.3000	0.5433	-25.4174	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/05/30 11:03:39.4600	-2.7242	-11.9275	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/04/19 20:29:17.0400	3.6367	-32.2339	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/03/24 11:56:27.9500	14.5608	-45.0283	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/03/05 22:13:51.4600	-7.977	-13.5848	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/11/13 22:24:08.3000	10.6353	-41.4622	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/10/21 21:12:29.1100	-10.4644	-13.0923	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/10/10 03:51:02.8000	8.5379	-39.7406	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/08/02 17:58:27.4000	12.7134	-44.9757	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2008/03/09 00:31:43.1100	-4.0668	-12.1995	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/12/20 08:54:05.0800	4.5069	-32.6283	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/07/30 19:23:21.1300	-14.0175	-13.9314	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/04/26 01:06:46.1500	-11.2736	-13.053	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/06/06 01:39:12.4500	13.5232	-44.8402	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/07/12 03:27:08.5300	7.3103	-34.4686	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/04/12 15:57:49.2800	-10.7661	-13.1665	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/02/28 08:12:49.7500	-0.8103	-18.9089	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/11/28 20:08:42.1000	7.3643	-38.0166	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/09/25 19:37:15.8000	11.9261	-43.5724	0	mb1	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/04/25 07:19:21.5000	-0.4461	-19.9645	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/03/19 18:30:26.8400	-10.2454	-13.1786	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/05/18 10:21:42.0600	-3.9585	-12.0982	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/11/08 22:42:06.1700	0.2198	-17.2196	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/03/22 08:02:25.0900	-12.788	-14.6163	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/11/27 05:41:35.7100	10.7357	-40.7573	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/07/31 00:42:00.3800	-6.6492	-11.6699	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/07/11 09:28:16.0100	-11.7475	-14.4214	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/09/26 20:07:44.8400	-6.5345	-10.8451	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/08/17 12:37:10.1600	-3.1776	-11.5758	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/04/09 11:06:02.8800	-13.702	-14.5274	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/02/11 23:20:57.5100	7.4244	-34.671	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/08/15 22:28:14.3100	0.9058	-27.675	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2004/11/12 07:11:20.7700	-1.4974	-16.1189	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2004/09/28 13:29:40.2900	-12.9214	-14.5181	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2004/08/24 04:39:36.2300	12.6843	-44.3654	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/05/26 08:48:12.3700	1.0221	-28.9717	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/06/18 14:45:48.9600	-5.0591	-11.4912	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/04/06 00:40:49.6300	-12.2974	-14.7789	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/12/02 16:50:18.1500	-4.4439	-12.1392	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/12/01 15:54:14.9700	-4.3361	-12.3237	0	mb1	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2011/08/10 02:42:25.4300	-0.1401	-18.0146	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/07/26 13:27:00.7100	-14.1048	-14.4153	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/06/08 01:18:52.0800	-11.3164	-13.224	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2010/10/28 04:09:47.7000	13.26	-44.7628	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2009/04/14 01:48:34.2700	-0.3484	-19.6815	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2009/02/24 00:46:38.8700	-0.1705	-18.3388	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2008/09/19 21:17:33.3300	-7.0824	-12.9795	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2007/02/08 16:28:06.3200	8.7052	-39.4836	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/07/02 07:18:23.8800	-13.2394	-21.2405	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/03/30 03:14:38.8700	-1.2268	-15.8697	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/02/22 23:30:59.4500	-1.5874	-14.8914	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/04/22 03:46:04.2600	-10.2352	-13.2275	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/03/07 18:15:48.3100	-5.7189	-11.3877	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/10/21 07:48:55.7000	-0.705	-13.3256	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/07/15 02:50:28.3900	3.2164	-31.3721	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/08/24 07:31:42.0200	-0.0436	-17.9132	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/06/25 20:50:43.3000	-4.8246	-12.3894	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/04/14 06:35:43.0600	14.9323	-45.1266	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/03/09 02:41:50.2700	3.9544	-31.4906	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2001/12/02 10:52:54.7300	-4.2343	-12.2795	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/06/10 01:36:53.0100	7.3364	-35.7729	0	mb1	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2011/04/13 20:57:34.0000	0.8767	-26.7516	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/03/26 11:38:51.4800	0.8421	-29.2634	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/11/26 13:01:51.5600	10.8455	-43.5845	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/06/07 04:25:45.4700	-0.9887	-13.5707	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2007/08/16 14:18:23.9800	-3.4868	-11.9894	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/12/03 08:19:50.0100	-0.3582	-19.7703	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/07/16 21:29:20.1800	14.4678	-42.326	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/03/17 06:40:56.2400	-6.8934	-13.0908	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2002/06/25 23:56:00.0500	-4.7384	-11.7643	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/12/01 15:55:48.9300	-4.4445	-12.284	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/11/21 21:07:07.3300	1.1365	-30.291	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/07/30 19:50:09.8000	-3.2831	-12.1749	0	mb1	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2011/03/19 18:43:01.3600	-10.3218	-13.1618	0	mb1	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2007/09/26 18:39:32.7300	-6.8928	-11.6106	0	mb1	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/03/08 23:39:09.4500	10.9334	-43.7504	0	mb1	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/07/13 06:50:40.4700	-13.876	-13.4062	0	mb1	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2001/06/12 14:14:40.1900	14.5944	-44.9216	0	mb1	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2011/03/11 09:09:22.7800	7.0421	-33.9139	0	mb1	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2009/01/16 22:13:57.8900	14.5696	-45.0163	0	mb1	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/06/24 13:54:34.6000	-1.0388	-13.318	0	mb1	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2003/09/21 23:15:12.1000	-1.0412	-14.0246	0	mb1	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/04/14 11:17:02.7800	11.9434	-44.0538	0	mb1	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/01/12 08:40:02.2700	-0.8303	-21.0824	0	mb1	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/09/05 19:07:37.2400	-1.1492	-13.9656	0	mb1	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2005/12/23 18:03:57.4000	8.1351	-38.0378	0	mb1	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2003/12/23 05:58:37.7900	-0.5781	-20.469	0	mb1	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2001/07/12 06:12:16.9700	-7.418	-13.3952	0	mb1	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/09/10 13:08:13.3600	8.2408	-38.8163	0	mb1	5.7	2.86642E+24	5.60	39.18	0.0523	133.52
ISC	2011/04/25 04:22:21.8800	8.7489	-39.4075	0	mb1mx	3.3	1.88825E+23	4.82	6.62	0.0076	114.54
ISC	2009/01/26 04:15:03.8600	-0.3259	-20.9059	0	mb1mx	3.3	1.88825E+23	4.82	6.62	0.0076	114.54
ISC	2008/08/15 23:29:21.7300	-0.7558	-20.6308	0	mb1mx	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2008/03/13 11:28:05.8600	-0.3531	-17.0856	0	mb1mx	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2007/08/12 08:32:04.6800	-6.1844	-11.1835	0	mb1mx	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2007/06/15 01:26:54.5700	0.755	-30.2497	0	mb1mx	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2006/09/01 22:27:09.6400	0.8491	-25.226	0	mb1mx	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2006/03/29 11:19:04.2200	-0.2849	-20.0423	0	mb1mx	3.4	2.11485E+23	4.85	7.13	0.0082	115.33
ISC	2010/12/26 09:17:00.3900	8.1734	-38.0156	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2010/12/16 08:21:35.2600	4.3741	-31.3488	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2010/10/18 17:58:26.7900	-7.3259	-14.3205	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2010/06/11 11:16:58.6700	3.7914	-32.0633	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2009/10/26 17:18:00.6900	0.7414	-27.6589	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2009/10/07 21:26:37.6700	2.0492	-17.118	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/05/13 04:09:05.9600	8.0011	-39.0458	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2008/03/04 15:13:10.3000	0.145	-24.9119	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2007/12/15 19:28:20.0600	1.3429	-30.6689	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2007/11/22 04:46:50.7100	-0.7128	-12.8995	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2007/07/30 19:22:36.6200	-13.878	-14.4199	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2007/07/01 08:57:25.3700	-1.8758	-12.9704	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2007/04/22 11:39:54.9100	-0.8352	-12.817	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2007/01/04 13:46:00.8800	7.5238	-39.8685	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2006/04/21 04:16:33.1900	8.3074	-39.8762	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2006/01/21 00:55:03.0200	8.2252	-37.9683	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2005/03/25 09:20:21.2300	-0.5134	-21.5726	0	mb1mx	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2011/03/19 10:52:02.5400	-10.4672	-13.1932	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2010/05/08 14:14:37.2600	-12.5415	-14.5273	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2009/01/08 13:05:44.4400	0.0576	-16.6955	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2008/09/01 16:13:14.1300	9.136	-40.4323	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2008/02/05 15:52:38.6600	-1.2267	-23.3949	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/12/11 09:10:04.9900	-6.5642	-14.9683	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/11/16 13:40:58.3600	-0.459	-13.1403	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/08/17 14:04:25.4500	-4.0358	-11.6659	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/02/08 11:26:22.0500	10.7973	-40.609	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2006/02/28 09:57:34.2900	-1.434	-12.9854	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2005/07/31 01:39:41.3400	-5.7107	-11.0977	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2004/12/13 16:24:14.7100	-0.3684	-21.0923	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2003/08/29 23:48:28.9200	10.7717	-40.4244	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2002/10/07 17:00:20.1500	-0.034	-28.2446	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2002/07/10 11:20:54.9800	5.1105	-33.2327	0	mb1mx	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2011/08/21 20:46:06.3800	0.6081	-29.1847	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/07/09 23:47:08.3400	-7.8448	-13.5167	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/02/08 21:45:07.4100	8.0721	-38.5402	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/12/22 14:36:17.7400	-6.4126	-10.9342	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/11/07 03:08:16.4600	-6.2986	-11.1948	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2009/08/17 00:47:15.0700	-14.0563	-14.1159	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2009/02/23 21:01:27.2600	0.0142	-18.1252	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/12/20 02:53:56.8600	10.3657	-43.0701	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/05/21 00:44:38.2500	-13.5152	-14.5639	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/10/23 03:54:44.4300	-1.5202	-12.9775	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/02/08 16:21:55.5900	8.831	-39.3953	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2006/10/18 23:33:43.3600	-0.9775	-24.6718	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2006/07/09 21:22:48.1600	-4.6727	-11.6315	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2005/06/16 10:39:16.4000	13.6579	-45.0563	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2005/05/27 07:04:17.7300	1.1014	-27.7389	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2005/01/18 18:30:38.2100	3.7936	-32.1273	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2004/05/29 21:06:44.4900	-1.7193	-14.5512	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/04/04 18:16:36.5000	-4.6645	-10.7812	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2004/03/08 08:37:56.5200	10.4318	-42.0968	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2003/08/05 05:00:24.9700	-0.7827	-13.7716	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2003/07/15 05:35:18.3000	2.9789	-31.3208	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2003/04/13 19:30:49.7200	1.4652	-30.663	0	mb1mx	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/07/09 22:58:21.2500	-8.0202	-13.1513	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/11/29 16:18:45.1300	-0.2822	-18.0083	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/08/04 22:58:13.2300	-10.9596	-12.6502	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/06/22 10:59:55.5700	-11.5672	-13.2111	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/11/14 05:35:27.6900	-1.702	-13.5287	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/11/01 20:23:04.5700	7.5311	-36.7283	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/10/21 21:13:32.6400	-10.4873	-13.1284	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/07/05 18:33:41.0200	7.391	-35.2229	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/07/02 00:08:29.8600	12.4066	-44.218	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/03/10 12:58:27.8700	0.7306	-26.5271	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/02/23 01:54:05.2500	-1.3823	-15.809	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/12/19 22:59:18.6700	4.7768	-32.6446	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/11/04 18:56:09.9700	-13.1041	-14.6553	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/08/17 04:41:49.2800	-4.6762	-11.4422	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/04/20 03:18:50.6600	-7.4439	-13.2642	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/04/14 08:49:31.2900	8.0838	-38.8702	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/07/23 20:08:03.4200	7.3081	-36.1624	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/03/05 11:54:35.0700	-11.9725	-14.9677	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2005/05/23 16:54:38.9600	-1.5057	-15.0134	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2005/04/22 05:44:45.7400	3.9168	-32.4755	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2005/04/09 17:11:16.3600	1.1092	-27.9257	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2004/07/23 00:57:46.0500	1.6388	-30.705	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2004/01/05 06:00:58.6000	14.9662	-45.2899	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/10/15 16:57:01.4700	9.5657	-40.6276	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/07/27 23:25:21.8500	3.2321	-31.372	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/07/19 12:31:41.7000	2.9698	-31.4006	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/07/15 05:36:20.0100	4.1618	-31.5726	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2003/07/07 16:07:22.2600	0.5145	-30.2356	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2002/11/25 06:31:33.9700	-1.9529	-16.3983	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2002/07/12 19:52:53.0000	-0.2661	-20.0113	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2002/05/13 16:26:09.1700	0.9066	-28.8151	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2002/04/20 05:21:54.7500	1.2918	-34.8744	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2002/01/11 18:38:09.9700	-1.0428	-23.6208	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2001/12/10 18:30:17.8400	8.5112	-39.1599	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2001/10/13 19:29:55.1700	-2.6963	-12.3168	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2001/09/30 18:26:21.5200	5.5866	-32.9987	0	mb1mx	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/01/11 15:45:31.3900	-6.2538	-10.6415	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/10/15 14:17:18.1000	-1.0881	-13.1251	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2010/07/11 16:05:21.4400	-7.5837	-13.5381	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/06/11 11:17:25.3100	4.1692	-32.5561	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/11/15 09:41:20.6300	8.6825	-39.4063	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/09/17 19:14:19.9100	-0.0399	-17.5862	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/09/21 08:00:21.5500	13.4866	-44.8961	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/11/16 05:44:41.3700	-0.9016	-13.0803	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/04/15 23:52:08.9900	-0.7046	-21.1273	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/03/24 13:35:15.1000	-5.5923	-11.5799	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/01/30 09:12:30.1500	5.5459	-32.6088	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/09/01 07:40:19.1000	5.899	-33.1405	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/08/15 07:40:30.1700	-1.6515	-13.8737	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/06/17 16:29:18.2300	-7.8562	-13.9056	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2004/06/26 08:12:31.1400	-1.3845	-13.6439	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2003/02/25 10:03:03.0600	3.8948	-32.1794	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2002/05/03 11:05:47.9400	4.268	-32.5349	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/10/10 14:05:59.9600	5.5866	-32.683	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2001/08/19 04:03:38.5600	8.7336	-38.8044	0	mb1mx	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/06/07 15:43:53.2100	10.8254	-41.0843	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/09/20 22:07:25.4000	8.6362	-39.5263	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/03/22 06:35:14.4600	-12.8105	-14.6894	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/09/01 15:59:35.0100	9.0652	-40.527	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/05/24 19:06:23.8700	0.711	-25.4015	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/08/17 19:35:49.4000	-4.8984	-11.5988	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/11/18 15:36:23.8100	-12.7481	-14.619	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/02/20 19:38:48.1000	-9.9292	-13.385	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/01/22 12:41:16.9000	-0.8329	-20.679	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/11/09 02:59:42.9400	8.3623	-38.647	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/09/06 11:55:11.7900	0.8238	-25.7798	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/07/14 06:23:50.5800	3.439	-31.5762	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/07/08 14:45:41.4500	3.5174	-31.3409	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/07/07 23:37:35.7600	2.0863	-30.8766	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2003/01/16 16:25:36.5200	5.033	-32.5608	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2002/04/11 02:47:13.0500	-12.4729	-14.6156	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2001/11/30 20:56:54.7200	-4.2918	-12.1671	0	mb1mx	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/08/11 01:36:44.8800	-6.9784	-12.3929	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/02/27 04:08:22.2900	4.4302	-32.5038	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/11/01 05:57:55.2100	12.718	-44.4613	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/07/06 19:10:17.5100	8.8506	-40.2158	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/10/31 06:42:38.9700	-1.0169	-24.5724	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/02/18 14:59:02.9500	-6.7373	-10.8838	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/11/08 02:00:39.4600	7.4966	-35.9504	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2004/11/10 15:14:14.9600	-0.3698	-19.8679	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2004/07/11 01:25:00.4000	0.126	-16.6796	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/07/10 16:52:17.1900	-12.3649	-14.8273	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2004/06/02 23:12:31.3800	4.8506	-32.7869	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2003/07/21 13:23:32.2000	5.1104	-32.8133	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/11/15 00:14:29.4600	0.2902	-16.1888	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/08/01 15:58:10.1100	0.6867	-30.2309	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2002/06/22 17:32:12.0100	3.2398	-31.4337	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2001/11/15 02:28:04.1500	-1.4121	-15.4306	0	mb1mx	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/12/09 17:22:53.1200	-0.6178	-16.0023	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2009/09/30 22:35:21.4900	14.5744	-45.0199	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/04/21 16:11:37.6200	1.6207	-29.6109	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/05/04 06:43:42.3600	7.2329	-34.0862	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/05/03 18:00:51.8500	-11.4777	-13.0463	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/12/27 09:18:11.3200	7.8065	-36.7174	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/11/03 19:56:08.3600	0.2974	-19.3904	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/05/11 20:28:15.3900	0.7197	-28.8324	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2004/04/04 09:57:14.9600	7.801	-37.317	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2003/08/14 02:11:03.2100	8.9015	-40.2315	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2003/07/15 01:50:29.3000	2.7539	-31.0502	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2003/03/07 12:23:10.8400	0.869	-27.1771	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2003/02/13 08:23:46.9500	-13.0987	-14.5436	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2002/04/28 01:20:49.5300	2.9221	-31.2224	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2002/04/17 15:53:10.0400	-0.7257	-20.5771	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/11/16 04:02:42.7800	-1.4901	-13.0209	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/07/25 19:47:06.7600	-11.8584	-14.1498	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2001/06/12 14:26:50.0300	14.5846	-45.1032	0	mb1mx	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/11/17 22:33:41.6500	-7.5256	-13.3321	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/03/26 18:43:46.3400	-7.1419	-12.5108	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/03/22 06:06:34.5000	-12.8776	-14.5368	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/06/22 01:15:46.4300	4.5783	-32.5177	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/02/09 15:40:39.1300	5.4423	-32.7847	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/12/31 19:08:43.8000	10.8111	-42.6072	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/08/15 08:02:46.0300	-1.6421	-13.023	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2004/09/28 13:39:48.9500	-12.8603	-14.6555	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2004/02/07 23:48:54.2900	13.5793	-44.8126	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/12/21 20:30:42.0700	-5.41	-11.4908	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2003/05/25 07:27:56.1800	7.8874	-38.0722	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2002/04/07 07:41:38.8100	-1.4131	-15.4892	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2001/05/29 17:26:34.2900	3.9056	-31.5378	0	mb1mx	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2010/11/18 12:21:34.2000	13.2388	-44.8615	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/06/05 06:18:42.7400	1.2216	-28.1171	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/09/24 10:34:51.0400	0.861	-26.0849	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/07/06 15:02:55.0500	-11.5704	-13.431	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/06/02 15:06:00.3900	4.7374	-32.6737	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/05/05 05:24:17.7000	-7.3664	-13.407	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2004/03/30 18:44:04.0400	4.5241	-32.6858	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/11/09 19:52:32.3600	-0.3266	-19.9489	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/08/16 02:05:52.6600	0.6563	-25.1791	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2003/07/15 17:50:00.0400	3.0481	-31.2892	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/10/02 15:57:05.3600	-0.9192	-13.3705	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/06/26 06:38:13.4900	-4.6225	-12.2948	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2002/02/11 12:27:33.3700	8.2314	-39.1817	0	mb1mx	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2008/10/03 05:26:19.7400	7.5349	-36.8811	0	mb1mx	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/11/13 08:53:56.1200	-12.4393	-14.7257	0	mb1mx	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/11/07 06:14:55.4000	2.3323	-32.0761	0	mb1mx	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/11/07 06:06:52.3200	2.3327	-32.0609	0	mb1mx	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/10/25 20:59:50.0400	0.9574	-28.9814	0	mb1mx	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/05/27 15:11:36.1700	-14.1038	-14.3844	0	mb1mx	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/04/04 18:04:33.5800	-3.2862	-12.2844	0	mb1mx	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2003/07/15 14:02:25.4200	3.1094	-31.3837	0	mb1mx	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2001/06/12 14:25:35.3700	14.5607	-45.0249	0	mb1mx	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2004/09/28 13:43:25.4300	-13.0384	-15.2362	0	mb1mx	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2004/03/03 20:24:43.4100	-0.5862	-16.1951	0	mb1mx	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2003/11/09 22:56:26.0900	-0.3961	-19.6678	0	mb1mx	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2002/06/29 11:50:52.8800	7.3507	-36.2676	0	mb1mx	4.6	8.23986E+23	5.24	17.34	0.0216	124.82
ISC	2010/03/10 08:07:22.3500	7.2008	-34.295	0	mb1mx	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2005/06/27 14:05:06.5200	7.419	-34.9806	0	mb1mx	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2002/09/08 23:03:45.7200	-1.0984	-14.7505	0	mb1mx	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2008/09/16 07:28:23.1900	1.1078	-29.0399	0	mb1mx	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2006/06/05 06:34:30.3100	1.0649	-28.113	0	mb1mx	4.9	1.15766E+24	5.34	21.66	0.0276	127.19
ISC	2010/01/27 17:42:43.6200	-14.0273	-14.5134	0	mb1mx	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2002/07/31 09:12:45.7400	7.6295	-36.2781	0	mb1mx	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2002/06/12 19:52:47.9500	-0.6267	-20.746	0	mb1mx	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/09/07 09:25:16.2100	7.4388	-34.7428	0	mb1mx	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2008/07/27 21:15:39.9600	-0.1541	-18.2767	0	mb1mx	5.4	2.04023E+24	5.51	31.37	0.0411	131.15
ISC	1999/05/14 01:51:43.4300	12.5082	-44.5942	0	mbmle	3.1	1.50529E+23	4.75	5.71	0.0064	112.95
ISC	1999/10/03 03:10:49.6800	13.8315	-45.7247	0	mbmle	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	1999/10/23 14:29:22.9400	-2.196	-13.6181	0	mbmle	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2000/01/20 12:47:18.6700	1.278	-30.4455	0	mbmle	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/01/16 22:40:12.3300	6.8205	-33.8176	0	mbmle	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1999/12/03 04:41:42.0000	0.6896	-27.7084	0	mbmle	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	1999/05/23 21:09:46.8100	8.602	-39.309	0	mbmle	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2000/01/20 15:45:22.6700	0.293	-18.3258	0	mbmle	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	1999/12/04 03:02:09.8500	0.5373	-25.1978	0	mbmle	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	1999/12/30 17:02:25.1000	7.4619	-36.1587	0	mbmle	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	1999/09/01 06:42:45.2300	4.7536	-32.7216	0	mbmle	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	1999/12/17 04:00:27.8700	7.9602	-38.0667	0	mbmle	4.4	6.56871E+23	5.18	14.96	0.0184	123.24

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2000/01/28 15:26:35.6700	1.983	-30.6884	0	mbmle	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/05/27 04:30:56.9800	5.9681	-32.3485	0	mbtmp	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2009/09/27 11:43:20.5400	8.0737	-37.9833	0	mbtmp	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2009/03/30 17:29:53.6100	0.9796	-26.0337	0	mbtmp	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2006/08/09 16:35:27.9900	-7.8484	-10.9485	0	mbtmp	3.5	2.36865E+23	4.88	7.68	0.0089	116.12
ISC	2011/07/12 06:09:13.0600	3.4552	-31.3003	0	mbtmp	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2011/04/03 16:33:43.4800	-9.4302	-14.9984	0	mbtmp	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2009/09/27 11:43:54.9100	8.0906	-38.006	0	mbtmp	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2009/04/10 11:17:00.3300	8.2903	-38.0624	0	mbtmp	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/09/17 02:05:22.4400	8.9674	-42.4091	0	mbtmp	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2007/08/11 07:03:45.7200	-5.4188	-11.5847	0	mbtmp	3.6	2.65289E+23	4.92	8.27	0.0097	116.91
ISC	2011/06/26 14:54:23.3800	7.005	-33.8888	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/03/10 18:03:02.5800	2.7866	-31.3041	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/11/25 05:39:43.1600	-1.5761	-13.5433	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/05/10 05:11:22.4900	3.9767	-30.7787	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/02/25 15:31:33.1900	8.5346	-39.5579	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2010/02/24 11:00:29.7000	-6.9983	-12.3422	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2009/09/16 20:22:44.9500	-1.2968	-15.6717	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2008/06/01 00:10:57.3000	-0.591	-16.5961	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/11/17 22:08:58.3100	-0.7159	-12.8962	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/11/17 08:38:30.6000	-0.2608	-12.7078	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/10/15 23:54:17.1000	-1.2857	-23.3785	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/07/30 19:58:46.3600	1.2217	-30.409	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/05/08 12:45:34.2700	-0.0362	-20.0267	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2007/03/25 14:24:58.5800	-1.7001	-23.0576	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2006/06/26 20:56:53.1500	-2.8617	-11.89	0	mbtmp	3.7	2.97126E+23	4.95	8.91	0.0105	117.70
ISC	2011/05/12 00:25:46.8500	-0.0745	-26.4756	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/02/01 19:57:00.8900	9.2707	-40.3241	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/11/29 18:47:07.6900	1.461	-28.8772	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/11/08 21:41:49.4100	-1.2288	-16.0561	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/11/07 06:29:03.9800	-6.0056	-11.2781	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/11/01 01:43:50.7400	-7.3929	-13.6152	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/10/07 12:55:51.9400	10.8788	-42.9575	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/08/02 04:03:53.6400	5.657	-32.8467	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/07/16 01:00:32.0100	-2.2167	-12.0527	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2010/05/26 18:50:13.5600	5.4738	-33.0039	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/12/31 23:39:46.9900	-12.381	-14.7881	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/12/31 23:30:36.4800	-10.7226	-15.4637	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/12/31 22:50:19.4000	-12.426	-14.6883	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/09/25 06:44:37.9100	9.6412	-39.8327	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/09/13 06:22:13.6300	-0.4107	-20.0639	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/06/02 14:55:08.5400	8.191	-37.9952	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2009/04/18 01:21:48.7000	8.1155	-39.0328	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2009/01/22 13:24:26.8600	3.3382	-31.2596	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/12/03 17:30:45.8600	-5.5915	-11.6967	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/09/20 17:20:19.0400	0.1112	-21.4453	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/09/07 20:30:13.7900	-1.3111	-14.9769	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2008/09/01 16:15:14.3900	8.9159	-40.5173	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/08/17 13:49:39.9100	-3.3688	-12.7078	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/08/17 07:07:44.7500	-3.5865	-11.8314	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2007/02/15 22:07:25.1800	3.7401	-31.9596	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/09/17 18:18:40.3900	5.6197	-32.728	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/02/24 18:14:37.9100	6.644	-33.5224	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2006/02/20 19:21:39.6200	-10.4178	-13.1916	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2005/09/27 03:11:52.0800	0.6258	-28.9974	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2005/05/05 22:17:24.0500	-11.359	-15.5981	0	mbtmp	3.8	3.32782E+23	4.98	9.59	0.0114	118.49
ISC	2011/09/29 00:55:31.7700	-12.8325	-14.4005	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/08/30 21:35:42.7000	0.4185	-24.9333	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/07/10 08:34:26.3800	-2.0078	-12.6676	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2011/07/08 06:17:42.9500	0.8626	-26.4	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/12/27 01:32:47.4700	-2.3654	-11.8361	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2010/11/21 20:38:29.6200	-0.7465	-20.859	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/12/05 09:31:01.7300	8.2079	-38.7955	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/09/25 12:47:12.7300	-12.2979	-14.6981	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/06/02 11:47:01.1100	5.6773	-32.7874	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/05/13 22:23:42.7400	-5.5853	-11.4471	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/04/27 22:47:54.6500	8.2169	-37.95	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2009/03/24 12:24:14.2700	14.6637	-45.3666	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/10/17 02:50:36.7900	-6.6884	-11.0391	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/06/07 23:32:32.0800	7.008	-33.945	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/05/28 22:00:09.7900	4.252	-32.5809	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2008/05/24 14:42:10.8800	0.0481	-17.9548	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/12/19 22:54:23.3100	4.4518	-32.6556	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/11/26 14:04:42.9700	-0.5553	-12.933	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/11/07 06:41:16.0400	8.037	-38.0987	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/09/30 05:27:39.2600	-2.0825	-12.6802	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/09/25 03:36:29.0900	2.1138	-26.6244	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/09/10 02:35:51.4400	-0.0289	-21.2028	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/08/17 05:08:43.4900	-4.2172	-11.3353	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/08/16 01:30:19.6800	-12.3268	-14.823	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/05/28 15:53:37.1600	-1.0525	-24.1623	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/04/10 01:36:50.3300	-12.8795	-12.6645	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2007/02/01 23:41:18.5500	10.8584	-43.5023	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/06/26 19:53:15.7300	-2.7477	-12.1417	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2006/02/18 13:21:08.6700	-6.3051	-11.2971	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28
ISC	2005/06/26 08:49:50.3600	2.9301	-31.2332	0	mbtmp	3.9	3.72718E+23	5.01	10.33	0.0123	119.28

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/01/27 01:55:13.2700	-1.025	-14.6341	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/01/11 15:43:18.6700	-6.4164	-10.5857	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/11/04 11:08:27.9600	12.8633	-44.8123	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/05/14 16:48:55.6600	-0.9724	-13.8345	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2010/01/18 17:52:21.1900	0.6702	-29.071	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/08/08 04:38:07.1300	-1.189	-12.777	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/03/17 14:03:03.8500	-3.8442	-11.1455	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2009/01/19 08:53:55.0000	-11.9788	-15.3794	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/12/16 17:26:28.4600	-11.6163	-13.4671	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/11/02 18:46:10.4400	-0.9699	-13.5189	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/08/19 01:14:37.9200	-8.1417	-13.4121	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/05/27 14:49:09.8000	7.3775	-34.9472	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2008/05/16 09:46:21.0900	-0.9915	-23.4581	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/11/18 23:22:17.9900	-1.0034	-12.6504	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/08/22 09:17:32.9600	8.3051	-39.3586	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/08/13 16:34:32.1700	-0.0718	-17.8161	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/06/02 00:48:58.6500	-0.9003	-21.7043	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/05/11 23:34:58.4700	-5.5298	-10.2512	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2007/04/10 00:35:19.4900	-11.5675	-14.2951	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2006/08/29 07:48:25.1200	-10.9404	-12.5695	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/11/24 03:24:20.5200	10.8382	-43.4647	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/08/03 20:27:24.4500	-11.6123	-13.2409	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2005/02/20 10:49:14.9300	7.726	-37.4283	0	mbtmp	4	4.17446E+23	5.05	11.12	0.0134	120.07
ISC	2011/05/05 06:14:54.7900	8.1828	-38.1731	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/03/16 13:21:46.2500	12.0411	-46.2643	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/01/03 02:27:51.8600	-12.3654	-14.8056	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/11/03 18:47:36.8800	-6.6448	-10.6371	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/10/04 12:04:03.3300	13.7788	-44.8354	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/07/31 13:11:38.6700	-0.8924	-16.019	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2010/01/13 03:36:59.6500	10.6708	-41.8999	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/08/11 16:28:08.6200	-5.2288	-11.4075	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2009/03/22 05:38:35.6700	-12.8936	-14.5946	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/08/15 00:49:41.6800	0.2984	-25.1276	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2008/07/02 03:42:52.6900	12.5868	-44.4901	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/11/21 00:37:53.8700	13.3696	-44.857	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/08/27 21:08:49.8600	-3.4717	-11.793	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/08/14 20:01:05.0900	-7.811	-13.403	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2007/04/07 22:57:54.7200	-3.5463	-11.6129	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/09/26 17:58:10.7600	-0.0088	-17.5438	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/08/14 09:10:15.0000	-12.2868	-14.9014	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2006/05/08 06:06:19.2300	-14.1628	-14.0574	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2005/07/21 09:52:49.0700	-1.044	-23.7035	0	mbtmp	4.1	4.67541E+23	5.08	11.98	0.0145	120.86
ISC	2011/03/26 14:23:00.3200	-7.2524	-12.9187	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/03/19 10:52:26.1300	-10.2502	-13.1255	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2011/03/08 20:23:31.6100	0.3723	-17.0879	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/10/18 22:13:01.7300	-7.7256	-13.8342	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/05/05 05:38:31.2100	0.1085	-18.0586	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2007/01/05 02:29:59.6600	0.5303	-25.3399	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/11/23 18:55:26.7100	14.0604	-47.2175	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/08/10 21:01:42.6800	13.4786	-45.2398	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/03/30 10:59:30.6700	-10.9958	-13.5713	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/03/20 03:16:48.5200	1.1371	-28.1114	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2006/03/09 17:46:52.9800	1.1489	-28.1364	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2005/04/22 07:32:40.2000	8.2352	-39.6445	0	mbtmp	4.2	5.23649E+23	5.11	12.90	0.0157	121.66
ISC	2010/03/26 09:36:54.3600	-1.2584	-15.9133	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/07/03 06:03:35.2600	-11.7101	-14.1004	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2009/03/16 17:33:39.2500	0.0292	-17.3481	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/11/26 06:25:24.0600	-0.0088	-17.8458	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/08/28 16:04:49.4400	0.0554	-17.5009	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2008/08/14 17:16:18.3600	8.0941	-37.9983	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/11/17 08:42:18.5700	-0.9715	-13.0336	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2007/08/11 06:32:53.0600	-5.5315	-11.5071	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/07/13 00:05:53.9100	7.4001	-34.9251	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/03/22 15:07:52.2500	-14.0596	-14.4413	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/08/22 18:51:07.9400	7.4726	-36.3431	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2005/03/07 17:19:33.7900	-5.8891	-11.2806	0	mbtmp	4.3	5.86489E+23	5.15	13.89	0.0170	122.45
ISC	2006/10/24 03:04:27.2500	-13.7615	-14.5889	0	mbtmp	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2006/02/22 23:32:45.3200	-1.3801	-14.8712	0	mbtmp	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/12/19 14:44:47.4100	3.3482	-31.3737	0	mbtmp	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2005/01/27 23:31:02.4100	-4.5712	-10.478	0	mbtmp	4.4	6.56871E+23	5.18	14.96	0.0184	123.24
ISC	2009/07/16 15:18:00.4500	3.4062	-31.46	0	mbtmp	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/03/24 12:34:52.0100	14.4937	-45.0185	0	mbtmp	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2009/03/22 12:54:49.9700	-12.7225	-14.6653	0	mbtmp	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2006/02/20 19:27:31.2400	-10.4626	-13.1479	0	mbtmp	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2005/09/17 10:35:55.8500	0.9163	-29.2117	0	mbtmp	4.5	7.35699E+23	5.21	16.11	0.0200	124.03
ISC	2010/12/31 16:30:53.1400	0.7351	-26.0927	0	mbtmp	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2010/11/22 05:09:49.7500	8.1926	-39.4335	0	mbtmp	4.7	9.22869E+23	5.28	18.68	0.0235	125.61
ISC	2008/08/28 15:22:17.9800	-0.1091	-17.4401	0	mbtmp	4.8	1.03362E+24	5.31	20.11	0.0254	126.40
ISC	2006/09/30 12:47:21.3000	7.366	-34.6626	0	mbtmp	5	1.29658E+24	5.38	23.33	0.0299	127.99
ISC	2007/07/31 22:55:29.2900	-0.0843	-17.8307	0	mbtmp	5.1	1.45218E+24	5.41	25.12	0.0323	128.78
ISC	2007/07/03 08:25:59.4100	0.84	-30.3059	0	mbtmp	5.2	1.62645E+24	5.44	27.05	0.0350	129.57
ISC	2008/05/23 19:35:33.7700	7.4801	-34.9262	0	mbtmp	5.5	2.28507E+24	5.54	33.78	0.0446	131.94
ISC	2008/05/28 02:57:30.0000	-4.8988	-11.9631	0	ML	2.7	9.877E+19	2.63	0.05	0.0000	61.79
ISC	2008/01/06 21:23:17.0200	-0.8007	-12.8158	0	ML	2.7	9.877E+19	2.63	0.05	0.0000	61.79
ISC	2000/06/22 18:57:56.7100	-4.5595	-12.3612	0	ML	2.9	1.63427E+20	2.78	0.07	0.0000	65.31
ISC	2011/01/14 14:57:27.4000	-8.203	-13.669	0	ML	3	2.1208E+20	2.85	0.08	0.0001	67.13

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/03/19 03:08:19.1400	-10.1855	-13.2092	0	ML	3.1	2.76838E+20	2.93	0.09	0.0001	68.99
ISC	2002/03/31 00:10:53.0600	-1.8476	-13.0188	0	ML	3.1	2.76838E+20	2.93	0.09	0.0001	68.99
ISC	2000/10/15 16:05:19.6300	-0.2752	-16.1406	0	ML	3.1	2.76838E+20	2.93	0.09	0.0001	68.99
ISC	2007/11/27 07:51:05.4300	-4.5888	-12.1997	0	ML	3.2	3.63496E+20	3.01	0.11	0.0001	70.89
ISC	2007/08/24 03:10:02.8800	-2.2241	-12.3001	0	ML	3.2	3.63496E+20	3.01	0.11	0.0001	70.89
ISC	2001/04/18 03:18:25.4900	-6.2008	-11.2935	0	ML	3.2	3.63496E+20	3.01	0.11	0.0001	70.89
ISC	2000/04/16 22:28:14.8800	-6.9725	-11.4621	0	ML	3.2	3.63496E+20	3.01	0.11	0.0001	70.89
ISC	2009/06/07 00:01:06.2800	-5.3518	-11.5119	0	ML	3.3	4.80093E+20	3.09	0.13	0.0001	72.83
ISC	2008/03/14 21:59:42.3200	-0.8771	-16.1261	0	ML	3.3	4.80093E+20	3.09	0.13	0.0001	72.83
ISC	2005/01/16 19:07:09.3200	-5.574	-11.449	0	ML	3.3	4.80093E+20	3.09	0.13	0.0001	72.83
ISC	2000/09/16 18:59:09.0400	-0.5822	-13.2605	0	ML	3.3	4.80093E+20	3.09	0.13	0.0001	72.83
ISC	1997/11/09 19:06:23.8000	-3.3252	-11.7717	0	mL	3.3	4.80093E+20	3.09	0.13	0.0001	72.83
ISC	1997/09/17 00:56:27.2000	-10.5184	-12.7862	0	mL	3.3	4.80093E+20	3.09	0.13	0.0001	72.83
ISC	1993/05/16 03:27:19.6000	4.4	-9.68	2	mL	3.3	4.80093E+20	3.09	0.13	0.0001	72.83
ISC	2011/08/11 06:58:54.6100	-6.855	-12.9673	0	ML	3.4	6.37823E+20	3.17	0.16	0.0001	74.81
ISC	2011/03/01 03:46:28.0000	-5.6011	-11.392	0	ML	3.4	6.37823E+20	3.17	0.16	0.0001	74.81
ISC	2010/07/31 10:33:39.4400	-0.9095	-16.0202	0	ML	3.4	6.37823E+20	3.17	0.16	0.0001	74.81
ISC	2009/08/21 16:18:13.6000	-5.0058	-12.2392	0	ML	3.4	6.37823E+20	3.17	0.16	0.0001	74.81
ISC	2008/08/21 13:19:57.8800	-0.6021	-22.2058	0	ML	3.4	6.37823E+20	3.17	0.16	0.0001	74.81
ISC	2000/07/14 05:42:25.1500	-0.9087	-16.0859	0	ML	3.4	6.37823E+20	3.17	0.16	0.0001	74.81
ISC	2008/02/26 14:14:29.6700	-10.2101	-13.4393	0	ML	3.5	8.52364E+20	3.25	0.19	0.0001	76.84
ISC	1996/01/31 21:12:47.9000	-4.53	-12.28	0	mL	3.5	8.52364E+20	3.25	0.19	0.0001	76.84
ISC	2011/06/10 23:00:24.1400	-0.9352	-12.6629	0	ML	3.6	1.14578E+21	3.34	0.24	0.0002	78.90
ISC	2011/04/12 00:02:41.3900	5.6071	-32.6887	0	ML	3.6	1.14578E+21	3.34	0.24	0.0002	78.90
ISC	2011/02/19 12:33:52.4300	-0.1022	-13.6505	0	ML	3.6	1.14578E+21	3.34	0.24	0.0002	78.90
ISC	2010/10/28 08:38:49.1200	0.0908	-16.4384	0	ML	3.6	1.14578E+21	3.34	0.24	0.0002	78.90
ISC	2010/08/24 04:28:16.8600	0.5239	-14.4564	0	ML	3.6	1.14578E+21	3.34	0.24	0.0002	78.90
ISC	2009/12/27 23:32:42.0200	3.366	-31.4421	0	ML	3.6	1.14578E+21	3.34	0.24	0.0002	78.90
ISC	2006/10/03 20:45:24.4700	-0.7796	-16.062	0	ML	3.6	1.14578E+21	3.34	0.24	0.0002	78.90
ISC	2004/12/16 11:16:05.9700	-0.4103	-16.0839	0	ML	3.6	1.14578E+21	3.34	0.24	0.0002	78.90
ISC	2004/05/05 13:54:00.4200	-0.8151	-14.0873	0	ML	3.6	1.14578E+21	3.34	0.24	0.0002	78.90
ISC	2000/03/23 15:48:09.2800	-1.3963	-16.0746	0	ML	3.6	1.14578E+21	3.34	0.24	0.0002	78.90
ISC	2010/09/23 01:35:32.6800	0.2685	-13.1826	0	ML	3.7	1.54926E+21	3.43	0.29	0.0002	81.01
ISC	2010/09/12 06:10:45.1600	7.2063	-33.9973	0	ML	3.7	1.54926E+21	3.43	0.29	0.0002	81.01
ISC	2008/08/19 08:33:53.1800	-8.1865	-13.467	0	ML	3.7	1.54926E+21	3.43	0.29	0.0002	81.01
ISC	2011/03/22 09:14:37.6900	6.3223	-33.4172	0	ML	3.8	2.10717E+21	3.52	0.35	0.0003	83.15
ISC	2011/03/22 05:12:39.5100	-0.9568	-24.7346	0	ML	3.8	2.10717E+21	3.52	0.35	0.0003	83.15
ISC	2009/10/08 19:09:37.1900	-4.8672	-11.5927	0	ML	3.8	2.10717E+21	3.52	0.35	0.0003	83.15
ISC	2009/08/21 16:55:04.3000	-6.8974	-12.3263	0	ML	3.8	2.10717E+21	3.52	0.35	0.0003	83.15
ISC	2008/08/09 08:29:28.5100	-0.7119	-20.4233	0	ML	3.8	2.10717E+21	3.52	0.35	0.0003	83.15
ISC	2000/07/20 16:55:18.4300	-1.5205	-13.0762	0	ML	3.8	2.10717E+21	3.52	0.35	0.0003	83.15
ISC	2000/04/29 15:01:38.7300	-1.308	-15.9402	0	ML	3.8	2.10717E+21	3.52	0.35	0.0003	83.15
ISC	1997/02/16 18:11:57.9000	-2.59	-13.52	0	mL	3.8	2.10717E+21	3.52	0.35	0.0003	83.15

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1993/09/15 05:13:49.7000	0.36	-8.35	0	mL	3.8	2.10717E+21	3.52	0.35	0.0003	83.15
ISC	2001/06/16 01:52:52.4600	-1.4647	-22.1143	0	ML	3.9	2.88287E+21	3.61	0.43	0.0004	85.34
ISC	1995/12/14 05:13:46.7000	-7.05	-12.76	0	mL	3.9	2.88287E+21	3.61	0.43	0.0004	85.34
ISC	1995/10/10 05:10:59.2000	-1.3	-14.99	0	mL	3.9	2.88287E+21	3.61	0.43	0.0004	85.34
ISC	2010/02/28 11:41:34.9900	-6.676	-11.4188	0	ML	4	3.96735E+21	3.70	0.53	0.0005	87.57
ISC	2010/02/02 06:45:04.5900	-0.2664	-16.1239	0	ML	4	3.96735E+21	3.70	0.53	0.0005	87.57
ISC	2002/03/12 18:25:25.8700	0.1677	-18.0571	0	ML	4	3.96735E+21	3.70	0.53	0.0005	87.57
ISC	1996/10/17 15:01:31.2000	-6.9	-12.72	0	mL	4	3.96735E+21	3.70	0.53	0.0005	87.57
ISC	1995/12/03 07:28:08.7000	0.02	-16.7	0	mL	4	3.96735E+21	3.70	0.53	0.0005	87.57
ISC	1993/10/14 05:50:01.6000	0.76	-16.23	2	mL	4	3.96735E+21	3.70	0.53	0.0005	87.57
ISC	1990/02/17 23:57:52.6000	-0.2	-5.81	20	mL	4	3.96735E+21	3.70	0.53	0.0005	87.57
ISC	2011/08/10 23:45:41.2700	-6.9187	-12.743	0	ML	4.1	5.62341E+21	3.80	0.67	0.0006	90.01
ISC	2010/11/28 22:49:03.5800	0.2377	-28.3139	0	ML	4.1	5.62341E+21	3.80	0.67	0.0006	90.01
ISC	2010/10/27 06:00:15.1900	7.3635	-36.1179	0	ML	4.1	5.62341E+21	3.80	0.67	0.0006	90.01
ISC	2008/08/31 15:16:49.4400	0.1421	-17.1824	0	ML	4.1	5.62341E+21	3.80	0.67	0.0006	90.01
ISC	1999/02/17 05:25:32.7000	0.7841	-16.4303	0	ML	4.1	5.62341E+21	3.80	0.67	0.0006	90.01
ISC	1997/04/18 16:08:34.5000	0.01	-16.532	0	mL	4.1	5.62341E+21	3.80	0.67	0.0006	90.01
ISC	1997/02/10 05:29:00.1000	-0.99	-15.93	0	mL	4.1	5.62341E+21	3.80	0.67	0.0006	90.01
ISC	1996/02/22 06:00:25.4000	-4.91	-11.18	0	mL	4.1	5.62341E+21	3.80	0.67	0.0006	90.01
ISC	2009/04/13 21:56:22.2400	2.5947	-16.3429	0	ML	4.2	7.94328E+21	3.90	0.83	0.0008	92.42
ISC	2008/12/13 17:21:12.6300	8.1688	-38.0023	0	ML	4.2	7.94328E+21	3.90	0.83	0.0008	92.42
ISC	2004/06/08 23:22:20.9200	-0.3888	-19.9966	0	ML	4.2	7.94328E+21	3.90	0.83	0.0008	92.42
ISC	2010/10/27 05:51:42.3700	7.4749	-36.2702	0	ML	4.3	1.12202E+22	4.00	1.05	0.0010	94.83
ISC	2009/07/16 15:05:42.4900	3.3964	-31.5	0	ML	4.3	1.12202E+22	4.00	1.05	0.0010	94.83
ISC	2009/03/16 01:38:00.1600	0.1028	-17.4733	0	ML	4.3	1.12202E+22	4.00	1.05	0.0010	94.83
ISC	1997/05/11 23:02:06.1000	-0.106	-16.605	0	mL	4.3	1.12202E+22	4.00	1.05	0.0010	94.83
ISC	1997/03/24 02:20:37.4000	-2.02	-15.32	0	mL	4.3	1.12202E+22	4.00	1.05	0.0010	94.83
ISC	1997/12/03 02:59:00.8000	0.0194	-16.7762	0	mL	4.4	1.58489E+22	4.10	1.31	0.0013	97.24
ISC	1995/12/26 20:43:19.6000	-2.06	-12.65	0	mL	4.4	1.58489E+22	4.10	1.31	0.0013	97.24
ISC	1995/12/10 17:22:43.8000	1.08	-16.25	0	mL	4.4	1.58489E+22	4.10	1.31	0.0013	97.24
ISC	2000/04/10 13:09:33.8200	0.4599	-17.5172	0	ML	4.5	2.23872E+22	4.20	1.64	0.0016	99.65
ISC	1997/12/11 14:01:14.1000	-0.8964	-21.6643	0	mL	4.5	2.23872E+22	4.20	1.64	0.0016	99.65
ISC	1996/08/14 02:39:07.4000	-0.72	-12.77	0	mL	4.5	2.23872E+22	4.20	1.64	0.0016	99.65
ISC	1995/10/27 04:52:24.0000	-0.73	-17.35	0	mL	4.5	2.23872E+22	4.20	1.64	0.0016	99.65
ISC	2010/02/27 19:54:27.0400	10.9174	-43.4112	0	ML	4.6	3.16228E+22	4.30	2.06	0.0021	102.06
ISC	2007/04/30 03:36:20.7400	-0.3929	-19.8981	0	ML	4.6	3.16228E+22	4.30	2.06	0.0021	102.06
ISC	2006/07/10 21:30:38.2600	0.0337	-17.7264	0	ML	4.6	3.16228E+22	4.30	2.06	0.0021	102.06
ISC	2000/07/14 05:22:02.3300	-0.8271	-16.0979	0	ML	4.7	4.46684E+22	4.40	2.58	0.0027	104.47
ISC	2011/05/01 04:39:31.8900	-1.1395	-14.4235	0	ML	4.8	6.30957E+22	4.50	3.23	0.0035	106.88
ISC	2008/10/03 05:30:22.3100	7.5949	-37.1225	0	ML	4.8	6.30957E+22	4.50	3.23	0.0035	106.88
ISC	2000/04/06 23:24:10.4900	0.0114	-18.0538	0	ML	4.8	6.30957E+22	4.50	3.23	0.0035	106.88
ISC	2009/03/16 01:38:02.0000	0.108	-17.474	10	ML	4.9	8.91251E+22	4.60	4.05	0.0044	109.30
ISC	2007/08/20 13:08:53.4100	0.0908	-18.3529	0	ML	4.9	8.91251E+22	4.60	4.05	0.0044	109.30

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1997/10/02 14:43:06.0000	-0.461	-19.7588	0	mL	4.9	8.91251E+22	4.60	4.05	0.0044	109.30
ISC	1996/06/23 18:23:06.2000	-2.08	-13.51	0	mL	4.9	8.91251E+22	4.60	4.05	0.0044	109.30
ISC	2011/06/16 22:17:26.8200	7.438	-36.0205	0	ML	5	1.25893E+23	4.70	5.08	0.0057	111.71
ISC	2009/01/02 19:42:24.8300	0.792	-27.0172	0	ML	5.1	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2009/07/02 03:20:49.0000	-11.701	-14.094	10	ML	5.2	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/01/16 22:14:01.0000	14.518	-45.111	10	ML	5.2	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	1981/08/11 19:54:20.8000	-6.8016	-12.2563	10	ML	5.2	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2011/02/15 21:59:00.4500	-0.0313	-17.9343	0	ML	5.3	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2001/11/15 01:03:06.1500	-1.6158	-15.5034	0	ML	5.3	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2002/02/03 02:15:14.2200	0.0111	-17.3679	0	ML	5.4	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2006/03/27 01:10:31.1000	7.19	-34.23	10	ML	5.5	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2006/06/05 06:34:33.9000	1.06	-28.06	33	ML	5.6	1E+24	5.30	19.68	0.0248	126.17
ISC	2006/03/04 00:53:30.1000	1.02	-27.9	10	ML	5.6	1E+24	5.30	19.68	0.0248	126.17
ISC	1996/10/31 19:38:53.7000	-0.18	-18.24	0	mL	5.6	1E+24	5.30	19.68	0.0248	126.17
ISC	2006/04/10 06:26:12.7000	7.67	-37.01	10	ML	5.7	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2006/02/17 13:24:07.6000	-1.89	-15.11	40	ML	5.7	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2006/06/05 06:27:07.4000	1.13	-27.95	10	ML	6	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	2008/09/10 13:08:14.0000	8.09	-38.7	10	ML	6.6	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	2000/02/01 06:36:40.2000	7.2145	-33.9334	0	MS	2.4	1.94089E+21	3.49	0.33	0.0003	82.58
ISC	2000/01/13 13:25:08.8700	9.2038	-40.9178	0	MS	2.5	2.48313E+21	3.56	0.39	0.0003	84.30
ISC	2010/07/05 14:39:52.7700	-2.3889	-14.5642	0	MS	2.7	4.06443E+21	3.71	0.54	0.0005	87.74
ISC	1999/02/06 15:06:40.7100	3.709	-32.005	10	MS	2.7	4.06443E+21	3.71	0.54	0.0005	87.74
ISC	1998/12/24 23:15:40.1300	0.6377	-16.6326	10	MS	2.7	4.06443E+21	3.71	0.54	0.0005	87.74
ISC	2010/09/17 12:47:05.7100	-1.5602	-13.0715	0	MS	2.8	5.19996E+21	3.78	0.63	0.0006	89.46
ISC	2001/05/18 00:04:37.1600	2.0845	-16.7112	0	MS	2.8	5.19996E+21	3.78	0.63	0.0006	89.46
ISC	2010/11/10 14:04:56.0700	0.3696	-18.5207	0	MS	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	2010/04/22 12:32:11.6600	-0.1299	-16.576	10	MS	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	1998/04/29 02:08:14.1000	-7.4554	-11.4982	0	MS	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	2011/04/10 20:15:19.2300	14.6538	-45.2033	12	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2010/11/26 21:04:56.7600	11.1034	-44.0676	10	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2010/04/22 12:32:11.8500	-0.12	-16.6908	0	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2007/11/22 07:02:02.2600	-1.409	-12.7195	0	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2005/09/21 08:22:15.9900	-0.9838	-24.5121	10	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2000/07/06 23:28:29.3900	7.585	-34.541	10	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2000/02/17 03:14:03.0300	10.8094	-41.4579	0	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	1999/05/16 08:57:03.4800	7.041	-33.632	10	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	1998/04/11 18:20:14.5300	-0.7893	-17.0315	10	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	1997/05/09 15:47:02.5500	0.1497	-16.5862	10	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	1996/07/12 20:42:03.6000	2.82	-31.25	0	MS	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2010/10/05 13:23:29.6800	12.1376	-43.8023	14	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2010/10/05 13:23:27.9400	12.1303	-43.8187	14	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2010/02/12 17:16:42.7300	0.2596	-20.8111	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2007/05/15 01:02:01.5300	-1.2446	-23.6586	0	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/04/09 07:12:55.4600	-3.1514	-12.1507	0	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2004/11/11 01:37:32.4200	-0.5311	-20.0578	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2002/12/31 04:54:13.0700	8.1601	-38.1167	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2002/04/20 05:21:55.1600	1.373	-34.948	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2001/10/13 19:29:54.8100	-2.646	-12.27	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2000/09/11 04:36:55.9200	-1.8516	-12.9606	0	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2000/09/11 04:36:55.7600	-1.728	-12.921	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2000/05/17 08:09:23.7900	-1.397	-24.1998	0	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2000/04/16 22:28:14.7000	-6.872	-11.486	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	1999/08/05 10:37:40.1800	8.347	-38.443	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	1999/01/06 12:18:30.7000	-0.6732	-19.9449	0	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	1998/10/04 18:23:20.1000	0.6613	-29.026	0	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	1998/02/04 04:32:53.6700	10.6166	-40.8787	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	1998/01/15 20:57:36.7200	-0.3362	-21.1088	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	1996/08/28 10:04:18.5000	13.36	-45.14	0	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	1988/01/30 22:26:55.1300	7.0003	-33.8108	10	MS	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2011/07/09 23:36:30.2600	-7.5696	-13.3105	0	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2011/07/09 23:36:29.7000	-7.7106	-13.3039	10	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2011/07/02 13:58:45.4600	-1.4041	-14.7611	11	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2011/07/02 13:58:43.2100	-1.3474	-15.0225	0	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2010/07/31 13:11:41.9100	-0.9615	-16.0472	20	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2010/02/25 15:31:35.5100	8.4853	-39.5441	15	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2010/02/25 15:31:34.1200	8.5507	-39.5509	15	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2008/05/16 09:46:19.6300	-1.584	-23.5816	10	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2008/05/16 09:46:17.0100	-1.7362	-23.5088	10	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2008/03/01 17:05:44.2100	1.1079	-40.5297	0	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2007/06/15 09:12:14.3800	-0.9546	-24.0252	10	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2007/06/15 09:12:12.5100	-0.9852	-23.9578	10	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2003/07/31 14:46:18.8000	-1.4306	-21.6621	10	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2003/07/31 14:46:17.7100	-1.5826	-21.8234	0	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2001/01/15 15:51:05.6200	-7.3288	-11.7641	0	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2000/04/30 07:31:08.8200	7.249	-34.034	10	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	1998/11/07 23:13:54.4500	0.7609	-28.8471	10	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	1998/10/22 16:10:37.1200	-4.6372	-11.2633	10	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	1998/09/25 05:21:14.1000	-0.2497	-18.0383	10	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	1998/07/11 08:18:34.9000	0.0182	-16.9448	0	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	1997/05/09 15:47:02.3000	-0.005	-16.694	0	MS	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2011/03/26 01:58:28.2900	8.1378	-37.888	16	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2011/02/08 21:45:08.2200	7.6847	-38.4432	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2010/12/27 11:54:41.0100	-1.4399	-15.6704	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2010/11/07 14:03:26.8500	-6.29	-11.3786	11	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2010/10/28 08:38:51.1600	0.0908	-16.3434	13	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2010/09/16 11:21:40.7300	4.543	-32.3204	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2010/07/31 13:11:40.0400	-0.8264	-16.0091	20	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2010/05/09 11:01:57.0900	-0.5369	-16.7662	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2010/03/29 10:57:42.6700	0.661	-27.2621	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2009/11/30 09:39:02.6400	0.8711	-17.407	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2009/11/22 20:03:20.1800	-9.4406	-14.1747	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2009/08/03 13:33:23.5600	-1.4732	-14.4591	12	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2008/11/15 03:07:02.8600	3.0853	-31.3263	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2008/11/15 03:07:01.1000	3.0528	-31.2872	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2008/11/13 04:43:21.9500	-1.3558	-16.5929	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2008/07/05 18:33:41.7500	7.3609	-34.9837	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2008/01/07 15:01:34.6700	-1.5151	-12.8805	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2008/01/06 21:23:16.4300	-0.7669	-12.778	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2007/11/17 22:08:59.4500	-1.1801	-12.2875	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2007/11/17 22:08:57.6500	-1.2002	-12.1939	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2007/11/04 18:56:05.7900	-13.8943	-15.5881	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2007/04/21 01:03:10.9100	10.6743	-41.1742	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2007/04/14 08:58:28.2700	8.053	-38.8558	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2007/04/02 21:51:04.1600	0.2792	-16.6065	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2006/09/26 17:58:11.5200	-0.2965	-17.3205	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2006/06/27 17:46:51.3200	0.8281	-28.0307	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2004/12/11 15:26:42.0200	7.5964	-36.7411	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2004/07/25 21:10:37.4400	14.5898	-45.1976	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2004/06/13 04:25:39.4900	14.7814	-42.1692	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2004/05/25 19:14:53.5800	0.8699	-16.302	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2002/12/31 04:54:13.7200	8.2817	-38.1157	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2002/08/18 04:53:13.0200	-0.4831	-9.0274	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2002/08/10 15:26:17.4800	-0.83	-13.598	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2001/07/08 04:38:45.8800	-2.362	-12.226	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2001/05/31 21:46:23.7300	8.3924	-39.6192	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2001/05/29 12:47:56.5000	0.0371	-24.3719	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2000/07/20 15:23:14.9000	-1.9044	-12.6816	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2000/04/22 05:03:24.8700	2.1609	-26.2071	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2000/04/01 11:15:25.0500	13.7089	-45.8599	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2000/01/23 19:59:52.5500	1.1331	-29.0175	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1999/08/05 10:37:38.8700	8.155	-38.1636	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1999/03/03 07:55:47.9000	-1.1796	-24.6549	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1999/02/19 05:22:17.2000	7.27	-33.777	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1998/11/21 23:29:07.8100	-11.8803	-13.3801	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1998/08/30 06:11:57.2000	0.432	-16.9305	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1998/03/22 08:48:53.1000	0.1376	-18.4593	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1998/03/22 08:48:52.8000	0.0442	-18.6395	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1997/12/31 09:00:09.5400	9.5153	-40.4941	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1997/12/09 02:07:08.0500	0.2852	-16.5271	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1997/08/11 00:04:14.8700	1.1065	-28.0235	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1997/03/28 07:28:39.2400	0.08	-16.843	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1996/11/30 11:27:24.8000	0.98	-28.25	0	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1996/08/27 18:41:32.7400	-0.9859	-24.4415	10	MS	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2011/08/21 20:46:05.8500	0.5474	-29.2049	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2011/07/10 09:29:26.9300	-2.8555	-12.1232	13	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2011/07/10 05:09:36.5100	-3.0806	-11.9793	13	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2011/06/20 16:01:06.9300	2.425	-31.0705	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/11/29 16:18:47.1700	-0.0833	-18.074	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/11/18 03:28:22.8400	-7.733	-13.637	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/11/07 14:03:24.7200	-6.2729	-11.4651	11	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/10/27 12:34:50.8300	-0.9848	-13.0982	13	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/10/27 12:34:48.4700	-0.973	-13.2726	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/10/13 05:16:28.3000	5.6287	-32.864	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/08/02 05:34:46.1400	7.0785	-34.1137	15	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/08/02 05:34:44.2800	7.0457	-34.0908	15	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/07/31 10:33:42.9300	-0.8475	-15.9666	20	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/06/22 10:59:56.1300	-11.5099	-13.1837	13	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/06/12 06:31:26.8500	-7.5733	-13.5978	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/04/08 19:18:23.0800	-0.8772	-24.5148	22	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/04/08 19:18:21.6700	-0.8059	-24.4007	22	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/04/08 19:18:19.5100	-0.8578	-24.4919	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/02/13 23:17:30.5800	0.5962	-29.2484	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/02/07 03:13:57.9500	-12.1511	-14.4753	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/01/18 13:55:37.9500	-0.2909	-18.7518	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2009/12/05 20:12:53.1400	1.01	-27.9673	17	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2009/11/30 09:38:57.3500	0.4469	-17.5432	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2009/11/15 09:41:21.2800	8.6845	-39.381	15	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2009/04/19 20:29:17.8900	3.4624	-32.0745	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2009/02/19 05:19:38.8400	-1.9006	-15.7133	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2008/11/26 06:25:25.8600	0.3528	-17.8033	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2008/05/22 14:34:45.2600	7.4395	-35.7736	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2008/04/11 12:47:56.1100	0.6706	-27.9462	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2008/04/11 12:47:55.8800	1.1467	-28.1285	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2007/11/18 23:22:10.0100	-3.3433	-10.9986	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2007/11/14 11:45:15.6700	-2.1607	-12.4279	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2007/08/27 23:55:29.7900	12.6394	-44.3395	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2007/08/27 23:55:27.7900	12.6447	-44.3634	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2007/01/17 18:10:15.8800	9.204	-40.5107	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/09/23 09:59:38.2200	-0.1997	-17.9853	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/07/13 00:05:53.8800	7.366	-34.9284	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/06/02 21:17:17.3800	0.9003	-29.0785	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/06/02 21:17:15.0600	0.8534	-29.0616	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/05/29 09:34:57.4600	-1.0344	-13.5177	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/05/02 01:13:58.6300	-11.4578	-13.0279	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/03/25 15:07:52.8500	9.1802	-40.481	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/02/07 15:24:10.0200	5.5726	-32.8183	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/02/07 15:24:07.8500	5.5262	-32.792	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2005/07/12 03:27:08.1500	7.2866	-34.4639	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2005/02/21 17:53:59.7800	8.8869	-40.3107	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2004/08/16 08:55:18.9400	-0.8965	-23.8242	13	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2004/07/23 00:57:45.9600	1.6582	-30.6169	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2004/05/23 00:02:37.7300	0.8209	-29.1614	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2003/05/14 16:42:13.0100	12.3282	-43.9867	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2001/10/07 17:12:00.4300	-1.5142	-16.1312	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2001/08/19 08:32:35.5900	8.6705	-39.373	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2001/07/08 04:38:40.5100	-3.2022	-12.7049	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2001/06/03 11:24:27.8200	-0.076	-24.733	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2000/10/18 21:55:00.0000	-1.0519	-23.4023	33	Ms	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2000/06/11 00:31:09.2800	-1.719	-12.731	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2000/05/24 16:06:08.9500	13.1657	-44.7854	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2000/05/20 21:11:24.8700	7.3341	-34.5822	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2000/04/02 13:49:48.7600	8.2569	-38.6977	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2000/04/02 13:49:48.6400	8.241	-38.658	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1999/12/03 04:41:42.1900	0.803	-27.659	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1999/10/02 07:31:38.0300	-0.55	-20.392	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1999/06/27 11:40:43.8100	3.435	-31.254	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1999/04/04 07:09:23.4100	0.744	-29.106	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1998/11/04 01:32:54.7000	-1.1505	-17.2037	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1998/08/03 04:55:49.6000	0.062	-17.0674	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1998/01/22 20:19:15.5700	-0.8199	-12.987	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1997/12/31 09:00:09.7000	9.5488	-40.5546	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1997/12/09 02:07:07.6000	0.2124	-16.6865	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1997/09/25 17:25:55.9400	0.2078	-16.5225	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1997/09/17 17:36:16.2000	12.3903	-44.1555	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1997/09/17 17:36:16.4700	12.4948	-44.1547	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1997/09/02 17:32:13.1200	-1.1708	-24.3947	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1997/08/14 02:22:53.8300	3.7735	-31.4361	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1997/04/27 02:56:01.2100	0.0852	-16.6786	0	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1996/08/28 10:04:18.1900	13.5237	-45.0258	10	MS	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2011/09/13 03:52:10.6400	-7.7229	-13.4355	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2011/08/10 07:35:27.5300	8.0762	-39.4991	14	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2011/07/10 09:29:25.7900	-2.7286	-12.0134	13	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2011/05/05 06:14:55.6600	8.141	-38.1522	16	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2011/02/19 01:54:14.8100	10.7392	-41.3108	18	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2010/12/26 08:51:26.0600	8.1271	-38.1598	16	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2010/12/26 08:51:25.1000	8.1807	-38.2047	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2010/11/07 03:08:15.6900	-6.3101	-11.3427	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2010/10/22 08:55:17.8800	-7.7214	-13.6551	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2010/08/02 04:16:57.8300	2.6459	-31.2026	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2010/07/31 10:17:04.7100	-0.8891	-15.8725	20	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2010/07/11 16:05:22.9100	-7.6032	-13.5051	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2010/05/02 17:01:17.2500	-1.5227	-12.378	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2009/12/05 20:12:50.8200	0.9148	-27.9607	17	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2009/11/30 02:54:48.2100	-2.4407	-11.7708	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2009/11/27 19:17:55.2900	-6.8335	-13.9219	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2009/11/15 09:41:23.0300	8.6581	-39.3861	15	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2009/11/11 08:21:08.8000	-0.2956	-17.7687	23	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2009/08/15 09:44:05.1300	-2.2525	-12.6021	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2009/08/15 09:44:04.0500	-2.1259	-12.503	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2008/11/09 17:59:21.7700	0.4477	-28.9547	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2008/11/09 17:59:19.7000	0.4236	-28.9689	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2008/08/02 17:58:29.1400	12.6915	-44.9421	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2008/05/28 02:57:30.3900	-5.1175	-11.9772	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2008/03/15 01:47:30.7900	-0.9311	-16.2156	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2008/02/05 15:52:31.7200	-1.2012	-24.125	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/11/25 07:08:33.9400	-7.9559	-13.5971	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/11/25 07:08:31.8200	-8.0138	-13.5547	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/11/17 22:22:07.6600	-1.1181	-12.8921	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/11/17 22:22:05.7300	-1.1245	-12.7779	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/09/24 07:24:38.7300	-1.0594	-15.8043	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/09/24 07:24:37.4200	-1.1217	-15.69	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/08/22 09:17:33.0200	8.268	-39.2848	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/06/10 16:06:35.2700	1.4501	-30.455	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/06/02 00:49:00.1200	-0.9116	-21.6573	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/04/30 03:36:21.3900	-0.5824	-19.7094	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/04/14 08:49:32.8800	8.1029	-38.852	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/04/14 08:49:31.0800	8.1152	-38.8927	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/01/17 18:10:16.2300	9.2017	-40.4997	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/01/11 08:29:24.7000	0.6575	-25.3446	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/11/02 14:18:58.2600	-0.1476	-24.6195	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/07/14 07:51:19.6600	0.2032	-16.9721	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/06/26 20:57:22.1900	-3.1888	-12.1599	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/06/25 13:57:45.0300	4.8237	-32.9436	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/06/10 04:05:58.2500	8.166	-38.029	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/06/10 04:05:56.1700	8.099	-38.0295	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/06/10 04:05:55.9800	8.1609	-38.0517	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/04/11 10:15:31.7200	14.7423	-45.1018	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/03/26 18:09:01.3700	-12.3158	-14.8387	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/01/30 09:12:32.1300	5.6173	-32.6255	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/01/30 09:12:30.0400	5.5369	-32.5582	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/01/18 16:19:33.9000	10.5191	-42.2375	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/01/16 00:43:13.9700	0.2606	-17.8533	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/01/16 00:43:11.6000	0.2371	-17.8794	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2005/12/07 17:52:08.6500	-4.6698	-11.69	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2005/09/16 03:07:19.7600	9.0329	-40.4489	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2005/06/27 18:53:18.8700	7.3531	-34.9276	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2005/02/21 17:54:00.1000	8.9042	-40.3526	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2004/10/16 01:35:52.9800	0.1553	-17.4868	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2004/05/13 00:26:01.8500	12.5856	-44.2544	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2004/04/18 13:18:39.3700	9.6236	-40.5737	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2004/03/03 08:27:25.6200	8.5216	-39.0549	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2002/11/25 06:31:32.1700	-0.7594	-16.813	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2002/08/01 15:58:10.1100	0.682	-30.111	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2001/12/08 13:21:27.8600	3.38	-31.354	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2001/04/05 08:11:20.2900	-0.208	-19.257	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2001/02/18 12:52:56.8900	7.5167	-34.873	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2000/12/20 07:29:19.0600	-1.0652	-24.576	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2000/10/29 07:22:39.4800	0.751	-28.201	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2000/07/03 16:50:20.1000	-11.211	-13.146	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2000/06/22 18:57:56.4000	-4.2274	-12.3626	10	Ms	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2000/06/12 22:44:27.5000	-5.1363	-12.3092	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2000/05/20 21:11:24.8600	7.32	-34.54	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2000/05/11 11:05:48.6700	-4.704	-10.7979	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2000/05/01 03:08:58.7400	0.511	-25.183	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2000/04/27 06:59:23.3400	-0.5739	-19.8447	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2000/04/10 13:09:33.8200	0.494	-17.401	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1999/08/29 04:49:23.0000	14.6959	-46.7459	33	Ms	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1999/03/08 10:44:20.1000	-2.1063	-23.1423	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1998/07/16 22:03:33.8000	-10.7721	-12.4332	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1998/07/12 15:01:48.4000	8.6699	-40.5044	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1998/02/20 03:01:05.4000	9.0776	-39.0343	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1998/02/20 03:01:05.2400	9.1538	-38.9561	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1998/02/01 10:40:57.0300	-0.7985	-21.644	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1998/02/01 10:40:56.9000	-0.7976	-21.6517	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1998/01/25 05:28:12.6500	0.1512	-16.6889	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1997/10/23 03:48:44.5300	8.2538	-39.2073	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1997/05/08 09:28:38.9000	0.168	-16.79	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1997/05/01 19:28:33.0300	-0.0219	-16.7643	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1997/04/27 02:56:02.8000	0.136	-16.656	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1997/04/16 17:50:22.4000	9.222	-40.531	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1996/08/05 08:43:00.6000	14.53	-45.02	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/04/17 04:11:55.4600	1.5611	-29.5826	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1994/05/17 23:51:44.0000	-1.2	-15.2	0	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1992/06/16 02:50:38.6300	1.7014	-41.5864	33	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1988/10/05 13:51:15.8900	10.8693	-43.6068	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1988/06/14 14:57:36.0900	13.3678	-44.9742	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1988/03/23 06:41:40.1500	10.7885	-43.5853	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	1985/08/26 04:21:54.9200	7.8053	-37.9198	10	MS	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2011/09/28 01:25:07.2400	-12.903	-14.402	16	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/09/13 03:52:10.1400	-7.5706	-13.34	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/09/13 03:52:09.5200	-7.6485	-13.4533	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/08/10 07:35:25.8100	8.0542	-39.4762	14	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/07/10 05:09:36.3100	-3.1262	-11.9934	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/06/07 15:43:54.7200	10.8174	-41.0792	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/06/04 18:04:44.6900	-1.5202	-16.1234	12	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/03/27 03:19:18.9900	10.2068	-40.8822	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/02/26 22:19:39.2700	7.9613	-38.8828	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/02/21 02:03:34.8200	-1.2528	-15.9573	20	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/12/14 19:11:40.4300	3.9585	-32.6438	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/10/27 05:51:45.5500	7.3945	-36.2405	24	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/10/25 07:14:07.8200	-1.4491	-14.9458	11	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/10/04 12:04:05.4700	13.6978	-44.8469	15	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/09/09 06:26:22.1300	-14.1734	-13.7087	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/08/02 04:16:59.6700	2.6517	-31.2886	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/06/29 16:28:31.1600	-11.576	-14.9416	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/06/08 20:50:21.0600	-1.0904	-13.4783	13	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/06/08 20:50:20.0700	-1.128	-13.3188	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/06/08 20:50:18.1800	-1.1299	-13.3311	13	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/05/26 18:50:15.3500	5.4291	-32.9937	12	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/02/12 03:02:02.3400	0.6037	-27.4771	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/01/02 11:11:42.2400	6.7722	-33.8276	15	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2009/12/03 01:07:13.1800	2.9879	-31.1162	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2009/11/22 01:07:01.1000	-1.3863	-15.8095	12	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2009/10/19 14:17:56.1000	-0.3858	-19.7746	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2009/07/20 23:06:16.0000	-11.278	-14.576	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2009/07/20 23:06:14.4600	-11.2611	-14.606	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2009/07/17 23:41:05.8700	7.1566	-36.0785	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2008/10/17 02:50:36.3700	-6.7166	-11.0307	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2008/05/24 19:06:23.3800	0.6431	-25.3389	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2008/05/10 03:56:56.6800	0.3582	-24.8977	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2008/03/14 21:59:41.7600	-0.9812	-15.9618	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/11/14 10:16:43.6700	8.1244	-38.8415	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/11/14 10:16:42.1600	8.1433	-38.8744	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/10/19 19:18:02.9000	-6.91	-12.3077	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/09/07 23:01:51.0700	-14.6227	-13.7718	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/09/07 23:01:49.0800	-14.5747	-13.7762	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/08/23 11:24:55.5700	8.6606	-39.4007	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/08/22 09:06:52.3000	7.133	-38.829	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/06/09 08:24:07.9200	7.8156	-37.9493	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/06/09 08:24:05.9800	7.8172	-37.934	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/04/21 16:11:39.4100	1.568	-29.6299	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/04/21 16:11:37.6500	1.5911	-29.563	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2006/10/18 23:32:57.4200	-1.0193	-24.4222	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2006/09/17 18:18:40.0100	5.6147	-32.7284	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2006/08/10 21:01:42.4300	13.3995	-45.2067	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2006/07/25 08:34:22.7700	-0.2994	-16.0828	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2006/06/27 13:14:50.5000	-1.4454	-12.2363	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2006/03/28 01:43:30.9900	7.5068	-36.2002	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2006/01/30 07:16:45.5500	5.3419	-32.1156	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2006/01/21 00:55:05.0200	8.2881	-37.9045	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/12/31 19:55:24.9900	10.6149	-42.6104	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/12/29 12:35:31.1000	0.8831	-27.4023	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/12/29 12:35:30.6800	0.8673	-27.406	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/12/07 05:46:43.6100	-14.1049	-13.8323	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/06/17 16:29:17.2400	-7.9701	-13.9826	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/05/17 21:22:06.9500	-0.9985	-24.4788	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/05/17 21:22:06.8900	-0.8916	-24.5442	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/04/22 07:32:40.1700	8.1678	-39.532	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/08/11 08:57:53.3000	-0.1093	-17.5545	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/07/11 01:25:01.2100	0.3343	-16.6238	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/05/11 20:28:14.9400	0.5918	-28.7591	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/05/08 00:58:28.1800	-5.4007	-12.9645	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/05/08 00:58:28.0500	-5.2859	-12.9647	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/01/28 14:28:48.4900	7.9489	-37.3316	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2003/10/02 15:19:56.8900	-2.2609	-14.4325	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2003/07/16 20:39:51.5300	3.2815	-31.4831	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2003/07/08 15:01:18.6600	4.3946	-31.6937	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2002/11/15 00:14:29.5300	0.3052	-16.1121	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2002/06/22 17:32:12.6900	3.347	-31.349	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2002/06/03 22:43:52.1700	3.088	-31.191	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2002/05/03 06:42:56.2800	7.088	-34.174	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2002/02/06 09:50:59.5100	8.2869	-39.1364	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2001/10/06 02:54:46.9700	14.946	-44.993	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2001/05/30 11:24:46.6000	8.0603	-37.0363	33	Ms	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2001/04/10 17:27:58.7300	-1.1959	-23.7621	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2001/04/08 18:39:17.6300	5.782	-32.727	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2001/04/08 10:04:32.3200	9.38	-40.595	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/04/01 15:28:57.7300	4.397	-32.444	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2001/01/29 02:14:48.4500	0.4477	-17.9439	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2001/01/29 02:14:48.2700	0.464	-17.897	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2000/08/17 22:06:15.9300	0.321	-16.725	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2000/07/20 16:37:24.2300	-1.5605	-13.0314	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2000/04/05 07:10:17.3300	-7.049	-11.984	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2000/04/01 09:10:51.1100	-7.5948	-13.4492	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1999/08/10 06:01:20.0200	5.4814	-33.0961	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1999/03/12 02:13:26.8000	1.8657	-32.2401	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1998/11/21 14:09:41.6400	6.9006	-33.8471	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1998/11/07 23:13:55.0000	0.6555	-28.7235	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1998/10/09 08:57:02.3000	13.7422	-45.7039	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1998/07/12 15:01:48.4100	8.734	-40.4951	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1998/07/06 07:49:57.0000	1.2136	-25.4345	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1998/07/06 07:49:56.6400	1.1238	-25.3794	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1998/05/07 03:09:21.9600	1.0224	-30.4251	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1998/04/17 15:35:30.3000	-7.4938	-12.2733	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1998/01/25 05:28:12.9000	0.1245	-16.846	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1998/01/15 08:25:01.0300	7.3817	-33.89	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1997/12/30 01:27:44.0000	7.4264	-34.6573	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1997/12/30 01:27:44.1500	7.3823	-34.5634	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1997/12/23 19:55:39.2300	-0.2161	-18.4662	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1997/09/25 17:25:55.6000	0.0791	-16.7064	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1997/09/02 17:32:19.4000	-1.1471	-24.4669	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1997/07/28 08:48:16.3000	-1.016	-24.546	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1997/06/29 23:34:14.8000	13.31	-44.681	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1997/04/24 00:08:13.4000	-5.693	-11.136	0	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1990/02/02 09:42:24.9500	8.042	-38.5731	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1987/05/28 07:19:04.6000	-0.014	-17.713	10	MS	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/09/29 00:55:32.9200	-12.8998	-14.3986	16	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/09/28 01:25:09.1900	-12.9515	-14.3561	16	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/09/16 06:43:15.4300	7.7608	-36.9974	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/08/25 21:58:01.5700	0.8244	-27.2645	15	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/08/11 06:58:55.8200	-6.9052	-13.11	13	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/03/27 03:19:17.3100	10.2087	-40.8296	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/03/27 03:19:17.3400	10.2517	-40.8865	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/03/08 20:23:32.6900	0.2663	-17.1267	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/02/27 03:13:20.4300	4.6293	-32.5254	11	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/02/26 22:19:39.2000	7.9649	-38.8488	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2010/12/26 09:17:02.7400	8.1722	-38.0111	16	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2010/10/27 05:51:43.6700	7.3632	-36.2135	24	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2010/10/22 02:08:40.9700	8.6069	-40.3458	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2010/10/18 22:13:03.1000	-7.7669	-13.8272	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2010/05/26 18:50:13.5900	5.4043	-32.9162	12	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2010/04/20 08:08:21.8700	-0.0849	-18.2222	23	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2010/04/20 08:08:19.9900	-0.0929	-18.1699	23	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2010/02/13 23:17:28.6700	0.6527	-29.2248	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/12/31 23:39:49.4200	-12.3389	-14.9031	15	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/11/22 01:06:59.2300	-1.3478	-15.8257	12	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/09/30 22:35:21.5000	14.5622	-45.0896	12	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/07/13 05:47:19.1300	-0.0133	-24.746	18	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/05/30 07:52:08.7300	-0.046	-16.2632	13	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/04/14 01:48:35.7100	-0.3478	-19.7097	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/04/14 01:48:34.1800	-0.3712	-19.7012	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/04/08 08:22:58.8000	8.0983	-37.9655	10	Ms	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/03/22 05:03:31.1700	-13.3286	-14.2654	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/01/29 05:45:17.6500	0.1472	-18.6028	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/12/18 08:24:06.8000	0.6941	-29.4734	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/12/03 21:15:00.7800	-6.4157	-11.1385	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/12/03 21:14:58.8700	-6.4203	-11.1389	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/12/03 21:14:58.8100	-6.411	-11.1387	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/10/03 07:56:07.3600	-11.6792	-13.9087	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/10/03 07:56:05.7600	-11.6673	-13.9652	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/09/19 09:34:20.1500	1.1921	-26.9722	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/07/31 00:42:00.2100	-6.7097	-11.6899	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/07/31 00:41:56.2000	-6.845	-12.583	33	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/07/02 03:42:54.7100	12.5375	-44.5333	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/07/02 03:42:52.6800	12.5482	-44.5596	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/05/24 18:06:19.5400	4.4403	-32.5671	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/05/17 03:20:50.8500	1.009	-29.3019	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/05/10 03:56:58.6300	0.401	-24.9639	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/04/25 02:42:59.5300	-0.9823	-13.2949	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/03/25 00:42:50.1100	-1.2285	-14.5212	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/03/25 00:42:48.0700	-1.2283	-14.5307	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/12/28 12:59:36.9500	0.7645	-28.1228	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/10/01 03:31:08.4200	-0.7113	-24.4808	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/10/01 03:31:06.5400	-0.7348	-24.433	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/10/01 03:31:06.3300	-0.7604	-24.4957	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/08/18 01:16:30.3000	-4.5155	-11.3411	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/08/13 16:34:33.8700	-0.0248	-17.8256	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/08/13 16:34:31.9600	-0.0322	-17.8403	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/08/11 07:03:45.5500	-5.4617	-11.5508	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/07/04 18:18:14.2600	0.8526	-28.6537	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/07/04 18:18:12.4900	0.9369	-28.6927	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/03/25 13:29:36.4300	-1.1083	-24.1099	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2006/11/26 08:58:44.4200	7.6909	-37.729	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/08/14 09:10:16.9400	-12.2706	-14.8723	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2006/08/14 09:10:15.0400	-12.2075	-14.9084	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2006/07/13 07:42:04.0600	6.2909	-33.3238	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2006/07/02 07:18:25.7800	-13.3155	-21.1905	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2006/06/06 01:39:12.9400	13.4844	-44.824	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2006/05/02 05:01:15.6400	-11.4597	-13.0242	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2006/02/12 23:14:47.0000	6.923	-33.8415	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2006/01/19 21:33:37.0600	-0.1332	-16.9628	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2005/11/24 03:24:20.4300	10.8486	-43.4403	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2005/09/04 12:09:32.5600	3.7908	-32.2118	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2005/07/12 14:51:46.7100	8.2406	-39.455	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2005/06/27 08:09:37.0400	0.752	-30.0947	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2005/05/27 17:02:20.3600	-5.4165	-11.4614	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2005/03/12 04:34:44.5600	-0.5559	-19.8622	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2005/02/20 10:49:14.5200	7.7041	-37.4567	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2005/01/09 08:06:02.5900	8.6874	-39.3122	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2004/08/02 10:50:36.0900	-2.4494	-12.2672	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2004/02/15 08:14:12.0400	6.3253	-33.3234	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2003/09/16 17:02:41.4100	-2.1733	-14.8593	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2003/08/29 23:36:54.3400	10.7517	-41.1814	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2003/07/29 04:01:35.1800	3.156	-31.3685	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2003/07/18 02:16:10.8700	7.7411	-36.9018	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2003/05/30 11:17:41.7100	4.3507	-32.2643	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2002/09/22 03:18:18.3900	0.8979	-29.2029	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2002/04/07 07:41:38.5400	-1.38	-15.268	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2002/03/07 08:34:55.8100	-0.7025	-24.4861	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2002/01/27 06:26:52.2200	8.3654	-39.4274	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2001/07/27 09:20:05.9200	-7.128	-12.908	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2001/06/01 16:50:52.0400	-5.3769	-11.3742	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2001/06/01 16:50:51.5800	-5.304	-11.44	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2001/05/09 08:21:02.1000	-1.004	-12.845	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2001/04/14 18:38:10.5500	0.3774	-25.0861	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2001/04/08 10:04:32.8100	9.474	-40.6075	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2001/03/25 09:12:06.3600	5.6671	-33.1178	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2001/02/06 21:35:17.7400	-14.009	-14.465	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2001/01/17 12:25:29.2100	-0.8268	-13.4592	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2000/12/06 01:17:29.4400	6.85	-37.338	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2000/11/20 20:13:21.1500	0.301	-24.848	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2000/10/14 22:43:02.4900	0.7602	-24.9555	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2000/08/26 02:42:31.1500	3.9741	-32.6664	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2000/07/08 09:28:50.5200	-0.081	-16.46	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2000/06/29 04:16:04.6200	7.507	-37.85	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2000/05/01 03:08:59.0700	0.5075	-25.181	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2000/01/16 22:40:11.9300	6.856	-33.769	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1999/09/25 01:37:29.1700	0.566	-25.041	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1999/09/25 01:36:05.0000	-10.4297	-29.8767	33	Ms	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1999/08/29 04:49:24.7200	14.1348	-45.1948	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1999/08/28 05:26:28.7000	7.5104	-37.3711	33	Ms	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1999/03/02 14:44:02.5000	3.9292	-31.5269	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1999/02/25 21:32:31.6600	-6.951	-12.88	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/10/22 09:36:14.7000	-5.5041	-11.6037	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/10/02 22:24:07.2000	13.7404	-45.6373	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/09/05 23:48:04.2300	7.2711	-35.5915	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/09/05 03:24:07.1000	0.81	-28.2431	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/08/03 21:31:03.1000	-0.0959	-28.3384	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/07/09 01:30:47.7000	-6.1946	-11.3295	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/05/14 06:30:41.2000	8.0729	-39.1538	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/05/04 18:10:35.6000	-0.0084	-18.1417	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/05/04 18:10:35.3400	-0.0704	-18.0146	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/04/17 15:35:26.9700	-7.4937	-12.3084	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1998/03/13 13:25:38.7000	-1.4411	-14.4444	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1997/11/22 22:40:59.3700	0.8211	-25.8858	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1997/10/04 10:20:34.6300	0.127	-16.5554	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1997/05/15 22:11:25.6000	1.803	-30.597	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1997/05/13 17:11:36.8000	0.1004	-16.7486	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1997/05/01 19:28:33.5000	-0.035	-16.9	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1997/04/17 12:47:24.7200	0.3312	-16.6788	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1997/02/17 21:15:31.7000	0.84	-25.09	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1997/02/17 21:15:31.5300	0.8435	-25.079	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1996/06/27 06:36:31.9000	8.79	-40.1	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1995/06/27 07:28:11.7000	-1.33	-24.02	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1993/03/14 07:06:55.4600	8.0112	-38.547	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1991/06/04 23:59:02.0000	5.5	-43.1	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1990/07/30 10:04:54.0000	-4.5	-10.8	0	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1990/04/08 08:06:10.6300	13.5366	-44.7931	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1989/12/04 10:46:01.8800	-12.4396	-12.4866	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1989/01/16 04:40:49.6500	-12.0778	-14.4572	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1988/04/28 09:41:15.0000	9.079	-40.541	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1987/04/07 07:39:22.1400	13.1366	-45.045	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1987/04/07 07:39:21.9000	13.135	-45.035	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1981/07/24 12:22:58.7700	-0.055	-19.2449	10	MS	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/09/21 18:23:18.6000	4.7169	-32.8035	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/07/28 16:11:58.2700	4.0333	-32.5206	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/07/28 16:11:54.7700	3.8182	-32.8612	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/06/17 12:46:09.1500	-0.0963	-15.9393	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/06/08 01:18:52.1400	-11.4042	-13.1696	13	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/04/25 07:19:24.0300	-0.5289	-19.9829	19	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/03/26 11:15:35.6100	-14.0156	-14.5479	14	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/02/21 00:10:08.4600	0.8268	-27.1895	15	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/01/14 15:00:26.6100	-8.1308	-13.5587	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2010/11/18 12:21:35.8400	13.2078	-44.8307	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2010/10/13 02:17:50.7300	4.3889	-32.4724	11	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2010/09/18 11:17:18.7800	-0.5398	-19.5707	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2010/07/31 10:51:48.5300	-0.8639	-16.0315	20	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2010/06/03 07:43:41.5100	13.5317	-44.7722	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2010/05/18 10:21:43.6900	-3.9549	-12.0923	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2010/01/18 13:55:39.6200	-0.2133	-18.8174	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2009/12/27 23:32:43.1800	3.2618	-31.492	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2009/10/13 13:47:04.3900	-6.9241	-11.9377	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2009/07/03 06:03:36.1700	-11.7103	-14.0717	7	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2009/07/03 06:03:34.7000	-11.6966	-14.0795	7	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2009/06/07 00:01:08.2300	-5.4025	-11.4459	13	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2009/04/27 22:47:56.7200	8.1979	-37.8514	16	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2009/04/08 08:22:41.4000	5.785	-38.992	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2009/03/24 11:56:28.2700	14.5529	-44.9895	12	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2009/02/28 21:18:16.6900	3.7908	-32.4858	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2008/12/26 17:15:36.8000	7.1507	-34.1194	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2008/05/25 02:07:49.5500	-12.8285	-14.6244	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2008/05/15 00:49:13.7100	8.1263	-38.5889	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2008/02/09 04:37:34.3100	10.7873	-41.8777	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2008/02/09 04:37:32.4200	10.8179	-41.8837	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2008/01/22 03:30:49.2100	3.9176	-31.9457	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2008/01/22 03:30:48.1400	3.7252	-31.8886	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/12/25 17:59:20.8100	-6.9237	-12.4089	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/12/17 13:54:03.9500	-10.6537	-13.5815	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/11/27 07:51:05.9000	-4.6442	-12.1907	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/10/07 23:50:00.6700	-11.6066	-14.1345	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/10/07 23:49:58.6300	-11.6138	-14.1253	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/08/17 12:37:09.7200	-3.5891	-11.4123	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/05/26 11:34:26.6700	4.2588	-32.45	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/05/05 05:38:31.4900	-0.1346	-17.9696	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/05/05 05:38:29.3500	-0.1791	-17.9309	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/04/26 01:06:47.6200	-11.32	-13.048	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/02/13 00:58:17.8900	-4.7158	-12.4159	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/12/03 00:15:04.3100	-1.0046	-13.3236	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/11/08 23:15:59.5800	0.828	-28.256	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/09/07 14:06:38.7200	-1.3798	-24.4328	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/08/01 10:10:17.9800	-7.5452	-11.8339	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/06/25 13:57:46.8500	4.7379	-32.902	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/05/02 04:18:47.2400	3.6855	-32.0197	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/04/09 11:06:04.5700	-13.752	-14.501	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/02/10 23:12:18.8700	-1.0763	-23.7503	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/01/29 05:57:08.8000	13.3358	-44.8259	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/01/29 05:57:06.3800	13.3619	-44.9337	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/01/19 21:33:39.1700	-0.0989	-16.8664	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/01/19 21:33:37.2200	-0.0774	-16.8876	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/12/16 09:01:32.7200	-0.7758	-19.9605	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/12/12 11:20:27.0900	-1.6796	-15.5853	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/11/03 19:56:05.9300	-0.2868	-19.0552	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/09/28 13:29:40.0000	-12.7405	-14.5029	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/08/25 10:24:04.2600	-14.0196	-14.1374	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/07/10 09:04:33.0600	3.6608	-32.573	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/06/30 03:42:55.7400	-0.6969	-14.0402	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/04/21 07:41:23.1200	4.5822	-32.4832	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/03/25 15:52:27.3400	8.86	-40.2008	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/07/15 14:02:25.6600	3.0703	-31.3635	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/07/15 01:50:30.3500	2.9484	-31.1209	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/07/13 03:19:50.7300	10.8343	-41.0261	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/07/08 15:21:29.6500	3.0774	-31.3845	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/07/08 15:21:28.8900	2.834	-31.219	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/07/07 15:21:36.5900	3.5307	-31.1883	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/07/07 15:21:36.6600	3.5641	-31.1497	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/06/05 13:14:23.5500	-13.7363	-14.625	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/06/05 04:01:35.1900	10.5594	-40.7828	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/05/30 11:17:41.3300	4.2654	-32.2151	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2002/10/11 18:37:06.6300	-12.3279	-14.8611	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2002/10/02 20:22:58.7700	10.019	-40.7373	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2002/09/22 03:18:18.1000	0.835	-29.052	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2002/04/30 15:56:13.0500	-1.313	-24.538	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2002/04/11 02:47:12.7700	-12.402	-14.643	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2001/12/02 10:52:54.7400	-4.26	-12.274	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2001/08/19 07:36:16.0000	8.678	-39.473	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2001/07/27 09:20:05.6000	-7.2039	-12.8636	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2001/06/12 14:51:40.0200	14.618	-45.073	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2001/05/30 11:24:42.6800	7.7541	-36.5994	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2001/02/23 10:15:17.5300	13.6782	-45.6933	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2001/02/18 05:11:20.2100	2.39	-30.937	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/11/20 20:13:21.1600	0.2673	-24.9535	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/10/26 09:24:45.2600	-13.1591	-14.4731	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/10/26 09:24:45.3200	-13.139	-14.482	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/10/26 03:20:52.3700	-10.3607	-13.0815	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/10/21 08:24:43.4500	-7.2547	-13.5549	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2000/07/11 10:31:24.7200	11.3326	-41.1134	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/07/08 09:28:50.7300	-0.1552	-16.4688	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/06/29 01:59:33.9900	7.0983	-36.8292	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/06/16 23:05:40.1300	-7.787	-13.767	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/04/21 02:57:11.4200	0.025	-24.753	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/04/07 03:15:59.6000	-1.449	-13.573	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2000/01/20 12:47:19.1900	1.218	-30.408	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1999/10/09 16:25:11.2000	-6.4528	-12.7284	33	Ms	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1999/10/03 03:10:49.7100	13.861	-45.653	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1999/09/25 01:37:29.1200	0.5448	-25.1792	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1999/07/05 18:45:26.0000	-0.7254	-19.7989	10	Ms	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1999/05/02 08:11:09.0000	8.7418	-39.6221	33	Ms	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1999/04/23 21:05:50.3000	-14.051	-13.867	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1999/04/14 15:50:36.7400	-4.694	-12.339	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1999/03/28 16:34:08.5000	-14.2247	-15.9148	33	Ms	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1999/02/17 05:25:31.6000	-0.5045	-16.238	33	Ms	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/12/18 17:12:47.5600	8.4207	-39.1904	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/11/21 14:09:42.0000	6.9984	-33.9676	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/10/02 22:24:07.0100	13.6935	-45.6189	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/09/05 23:48:04.7000	7.2631	-35.5669	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/08/03 21:31:03.2000	-0.1052	-28.3604	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/07/16 22:03:33.2200	-10.5004	-12.4462	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/06/11 16:09:44.4000	7.1075	-37.1893	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/06/11 16:09:44.2100	7.2333	-37.1422	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/03/13 13:25:38.9500	-1.3397	-14.2524	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/03/03 09:28:28.9500	-6.2533	-13.2176	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/01/28 02:24:29.9000	4.9169	-32.573	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/01/11 00:39:38.3600	-7.6616	-13.3509	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1998/01/03 03:48:06.0300	7.4806	-36.0988	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/12/15 17:33:43.5000	-0.2139	-16.8173	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/11/13 16:57:29.6200	11.2652	-43.581	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/11/04 01:00:46.9000	0.0465	-16.6149	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/09/19 16:34:54.8400	-0.0522	-16.6063	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/07/30 13:06:35.3100	5.6164	-32.8473	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/07/29 21:57:40.6100	-0.0887	-18.0838	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/04/20 13:20:32.7000	-0.029	-16.68	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/04/16 13:30:24.1600	4.9794	-32.5391	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/03/24 02:20:35.6200	-1.552	-15.6093	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1996/08/28 22:50:16.8200	-1.2174	-14.9824	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1996/06/27 06:36:31.7400	8.8207	-40.1054	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1995/02/08 12:15:49.1900	0.0531	-16.667	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1991/07/07 03:07:57.7100	-14.326	-14.2112	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1990/08/30 02:41:13.7100	-0.0168	-17.3003	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1990/06/17 13:52:04.3400	-5.3538	-14.1195	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1989/07/18 04:10:41.0200	-0.9143	-24.4429	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1989/01/29 00:20:36.5800	12.9007	-44.8114	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1988/04/28 09:41:15.3400	9.1044	-40.5013	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1988/01/30 05:18:46.4900	3.5189	-31.6642	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1987/08/02 10:37:47.2800	4.1836	-32.5877	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1986/10/04 22:01:17.9000	13.4112	-44.8033	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1986/06/18 22:56:29.0100	4.347	-32.5666	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1985/05/01 06:01:29.1000	0.854	-29.446	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1984/12/16 11:25:35.5000	7.217	-33.878	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1984/12/16 11:25:35.6600	7.2241	-33.8706	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1984/10/18 11:52:44.7800	7.2105	-33.8457	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1983/04/15 09:05:43.5000	-0.975	-13.117	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1983/04/15 09:05:43.6800	-0.9372	-13.101	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1982/12/04 14:04:40.0000	11.8	-43.3	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1982/12/04 14:04:40.8200	10.2431	-41.1723	10	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1980/07/04 02:25:26.8500	4.4952	-32.6117	0	MS	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/09/21 18:23:19.7600	4.3985	-32.6816	11	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/08/10 02:42:27.2400	-0.202	-17.928	23	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/07/26 13:27:02.9800	-14.1512	-14.4406	14	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/07/26 13:27:01.3400	-14.1056	-14.4265	14	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/07/17 16:37:23.0200	0.5836	-25.1327	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/05/12 07:04:19.1900	-9.9651	-13.2625	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/02/15 09:21:39.2000	-14.0087	-14.3889	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/02/03 17:38:50.2300	0.5646	-25.9244	14	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/02/03 17:38:48.2000	0.5944	-25.8553	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/01/14 15:00:27.8100	-8.1305	-13.5134	17	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/01/03 02:27:54.0000	-12.399	-14.8128	15	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2010/09/18 11:17:17.7300	-0.4903	-19.5888	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/12/27 23:32:41.9200	3.4101	-31.4583	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/10/08 19:09:39.8800	-4.865	-11.5939	18	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/10/08 19:09:38.1900	-4.8587	-11.5752	18	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/09/20 06:58:02.1900	0.9653	-27.7703	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/08/30 10:07:01.4800	2.9227	-31.2224	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/08/30 10:07:01.3400	2.8994	-31.2309	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/08/13 15:27:16.1600	-1.2677	-14.2497	12	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/08/11 16:28:11.3400	-5.1777	-11.437	18	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/05/31 00:47:04.0200	4.6293	-32.6296	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/02/24 00:46:41.3000	0.949	-19.87	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/01/13 04:52:02.2600	7.1324	-34.5966	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/10/26 04:56:11.1100	-5.5439	-11.5022	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/07/02 00:08:29.5000	12.4532	-44.1755	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/05/25 02:07:49.9100	-12.9604	-14.5629	0	MS	4	1E+23	4.63	4.37	0.0048	110.10

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/05/22 12:42:59.4200	7.3759	-35.7621	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/05/22 12:42:57.3700	7.3646	-35.7374	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/04/16 19:19:36.1500	0.2597	-16.5257	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/03/10 12:58:26.4000	0.2853	-26.4661	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/03/09 00:31:44.8100	-4.0291	-12.1822	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/02/13 22:38:43.5000	-0.7327	-13.11	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/02/13 22:38:41.9900	-0.6826	-13.0289	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/11/21 01:15:18.7500	13.3338	-44.7672	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/08/22 09:06:52.1200	8.1284	-39.5279	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/08/22 09:06:50.2700	8.1488	-39.5149	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/08/21 13:35:35.9000	8.098	-39.357	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/02/08 13:00:27.0000	9.869	-38.401	33	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2006/11/08 23:15:50.4000	-1.645	-27.347	33	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2006/02/07 16:14:36.3100	5.3982	-32.8207	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2006/02/07 16:14:34.1200	5.3744	-32.7897	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2005/08/20 01:50:04.1900	-6.3932	-11.1698	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2005/08/15 22:28:14.4900	0.9085	-27.7186	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2005/05/16 10:27:36.5400	0.8811	-28.2921	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2004/11/10 15:14:16.1100	-0.3768	-19.8909	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2004/08/18 17:57:23.5200	-1.6933	-12.9104	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2004/05/31 06:59:03.3800	8.1554	-38.9979	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2004/03/28 02:24:59.8400	-1.372	-15.275	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2004/03/12 18:37:03.1900	5.7354	-32.8252	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2004/02/13 09:31:10.2700	7.2066	-34.6927	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/11/09 23:26:34.9800	0.0851	-19.8642	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/09/21 07:10:16.1100	-12.8596	-14.7277	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/07/12 15:59:20.1100	12.1984	-43.8895	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/07/08 14:59:30.5100	3.0077	-31.2019	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/07/07 23:37:43.5000	3.862	-31.6231	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/06/15 04:11:04.7800	3.9523	-31.7287	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/05/26 02:51:40.9400	-1.119	-14.075	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/05/23 04:11:58.0800	7.8778	-36.3581	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/05/23 04:11:57.0700	7.593	-36.0387	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/04/13 19:30:48.5500	1.2952	-30.3572	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2002/07/13 07:05:16.5000	-13.853	-14.487	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2002/07/13 06:50:37.9800	-14.061	-14.182	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2002/04/30 15:56:13.1400	-1.2817	-24.6602	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2002/03/10 18:00:25.5300	-11.7286	-13.439	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2002/03/07 07:09:51.3000	1.1138	-22.5909	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2002/02/11 12:27:33.6600	8.145	-39.166	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2002/02/03 02:15:14.1200	0.032	-17.291	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2001/09/30 18:24:00.9400	5.6043	-32.824	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2001/07/16 09:07:09.1400	-14.127	-14.283	10	MS	4	1E+23	4.63	4.37	0.0048	110.10

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/07/03 23:54:22.9200	0.026	-16.482	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2001/06/12 14:51:40.1800	14.6078	-45.0978	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2001/05/30 11:24:42.7100	7.761	-36.677	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2001/05/14 18:05:04.7000	-7.1721	-13.6227	10	Ms	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2001/05/01 19:14:34.5000	6.4028	-38.1367	33	Ms	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2001/02/15 01:38:03.7600	7.2281	-35.9642	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2000/11/22 21:21:03.9600	7.41	-34.649	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2000/10/18 21:54:56.9500	-0.956	-23.556	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2000/07/11 22:17:29.5000	-12.5004	-14.8447	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2000/07/11 22:17:29.5000	-12.471	-14.864	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2000/05/24 15:39:48.5300	13.297	-44.823	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2000/04/29 15:01:42.7000	-1.2235	-15.9296	33	Ms	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2000/03/05 10:37:29.5200	-12.6248	-14.9224	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2000/02/09 21:30:21.6200	-0.034	-16.272	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2000/01/22 08:38:07.1500	3.0383	-31.1523	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1999/10/09 16:25:04.0000	-6.919	-12.888	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1999/03/31 08:35:10.8000	-12.2863	-14.7781	33	Ms	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1999/03/03 03:58:14.9000	3.8438	-31.3735	33	Ms	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1999/03/03 03:58:10.5700	3.824	-31.623	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1999/02/06 15:06:47.6000	4.2457	-31.2852	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1999/01/31 08:34:26.2000	7.0837	-33.5757	33	Ms	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1999/01/31 08:34:22.5000	6.962	-33.7134	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1999/01/15 17:42:11.7000	0.089	-17.2987	33	Ms	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1998/11/04 00:22:00.9600	0.8758	-29.1745	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1998/07/26 03:38:24.8000	-0.7044	-21.0085	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1998/04/25 08:50:57.2900	0.732	-16.7649	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1998/02/03 02:09:15.0200	0.0572	-16.6216	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1998/01/05 01:10:28.0000	3.9934	-32.6465	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1998/01/05 01:10:27.8700	3.8873	-32.5938	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1998/01/03 03:48:06.1000	7.4417	-36.1307	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/12/01 00:10:33.1300	11.2088	-43.6486	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/11/18 21:06:48.8100	7.6833	-37.3192	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/11/13 16:30:55.5000	11.4694	-43.6586	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/09/22 07:34:35.2900	0.09	-16.6444	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/07/29 21:57:40.5000	-0.161	-18.064	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/05/15 22:11:26.3400	1.7476	-30.5412	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/05/15 15:50:09.4200	-0.8035	-24.409	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/04/16 12:45:09.7900	4.2233	-32.4909	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/02/17 01:49:23.5000	-0.12	-28.38	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/02/17 01:49:23.1500	-0.339	-28.2769	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/02/16 17:31:42.1000	-1.52	-12.89	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1997/01/03 17:54:27.0000	-1.76	-12.98	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1996/11/01 14:38:05.0000	-0.13	-18.02	0	MS	4	1E+23	4.63	4.37	0.0048	110.10

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/06/20 18:24:46.8000	1.33	-27.02	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1996/05/31 08:15:38.2800	-6.5737	-11.5347	33	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1995/10/15 21:06:36.3100	7.0948	-34.2457	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1994/12/26 06:30:43.7400	-3.3481	-12.2178	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1994/05/17 20:38:15.0000	1.3	-18.2	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1993/11/19 18:06:33.9600	-0.0014	-16.5422	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1993/10/10 20:11:26.0000	-0.8	-14.8	0	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1993/06/30 01:36:25.1800	-0.0501	-16.5327	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1992/05/24 00:18:38.2500	-5.357	-14.346	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1990/09/08 11:39:20.1700	-13.9137	-14.5068	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1986/10/04 22:01:17.7000	13.395	-44.838	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1986/09/05 10:32:22.6100	-0.1586	-17.92	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1986/07/18 05:45:40.5000	-0.17	-17.997	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1986/07/18 05:45:40.9200	-0.1346	-17.9761	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1986/07/17 06:53:43.3000	1.1429	-28.5018	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1986/07/04 14:38:09.4000	10.841	-42.613	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1985/09/23 10:46:09.4000	12.626	-44.377	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1985/09/23 10:46:09.6600	12.6481	-44.3631	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1981/10/23 06:35:21.0000	-0.953	-13.483	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1980/04/01 19:55:32.3900	4.4924	-32.4967	10	MS	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2011/07/08 06:17:45.5800	0.7882	-26.4141	17	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2011/07/08 06:17:43.8800	0.7842	-26.3702	17	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2011/07/07 09:06:11.8600	8.2383	-38.1337	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2011/03/26 11:38:54.1700	0.693	-29.2924	19	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2011/03/26 11:38:52.8900	0.8207	-29.1917	19	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2011/01/11 15:45:31.4200	-6.2749	-10.7711	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2010/10/28 21:41:15.2000	-0.5226	-19.9923	19	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2009/11/14 05:35:27.1600	-2.3323	-12.8613	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2009/05/31 00:47:02.7600	4.6108	-32.5364	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2009/03/26 19:13:36.5500	-6.7475	-12.4041	19	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2009/03/26 19:13:35.3000	-6.8411	-12.4265	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2009/03/22 12:56:19.7800	-12.2643	-14.9797	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2009/03/22 06:35:16.4500	-12.863	-14.6242	16	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2009/03/22 05:42:36.0200	-12.9635	-14.6823	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2008/12/30 14:57:15.6000	14.8239	-45.0435	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2008/12/16 17:26:29.7800	-11.6392	-13.3818	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2008/08/19 01:26:21.9200	-7.9824	-13.3573	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2008/08/14 17:16:18.6000	7.718	-38.48	33	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2007/11/27 07:51:06.8200	-4.668	-12.176	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2007/08/21 13:35:36.3600	8.0524	-39.2691	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2007/03/24 13:38:19.2300	-5.6539	-11.5493	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2007/03/24 13:35:24.2400	-6.0041	-10.8969	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2007/03/24 13:35:22.2300	-5.9283	-10.9835	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/02/08 14:32:18.7000	9.695	-40.553	33	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2007/02/05 16:37:01.8000	-1.4889	-14.0892	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2007/01/05 02:30:01.9000	0.593	-25.4057	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2007/01/05 02:30:00.1800	0.6022	-25.3316	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2006/12/02 14:15:50.3800	-12.9395	-14.3594	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2006/07/27 17:36:13.5900	0.8249	-27.1131	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2005/11/16 13:42:41.9700	1.2837	-28.6259	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2005/10/05 16:03:10.6900	0.6088	-30.1838	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2005/05/08 10:07:27.4500	-10.9669	-13.6042	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2005/05/03 18:00:51.7700	-11.3814	-13.0803	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2004/10/20 13:17:54.0200	0.8735	-28.8647	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2004/09/24 12:39:23.7700	0.8543	-28.7811	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2004/08/29 23:30:02.3800	6.9635	-33.6749	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2004/06/30 09:15:43.3800	0.8832	-28.9503	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2003/07/15 02:50:27.9100	3.048	-31.2822	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2003/03/02 09:16:12.4300	3.9461	-32.8275	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2002/10/01 23:40:45.6600	0.4428	-25.7745	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2002/06/25 20:50:43.7000	-4.837	-12.374	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/08/15 05:24:58.5300	0.7314	-25.547	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/08/15 05:24:58.9400	0.75	-25.439	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/07/03 23:54:22.2500	-0.001	-16.813	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/06/10 01:36:52.7100	7.327	-35.71	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/06/07 09:16:19.1900	0.823	-27.734	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/04/01 14:51:46.3400	4.3268	-32.6516	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/03/08 00:54:52.9100	-7.3765	-12.3439	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/01/24 10:22:06.2600	10.787	-42.5521	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/01/24 10:22:06.3100	10.771	-42.465	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/11/22 21:21:03.6700	7.4532	-34.685	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/10/21 08:24:42.6600	-7.381	-13.512	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/10/02 18:28:02.0600	13.716	-45.036	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/07/08 02:19:53.0600	0.0838	-16.4169	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/06/29 20:22:41.9500	7.56	-36.8171	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/06/29 20:22:40.8600	7.693	-37.069	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/06/29 04:16:04.6600	7.4947	-37.8913	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/06/29 01:59:53.5000	7.7782	-38.5392	33	Ms	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/05/31 07:51:52.5200	7.405	-34.6	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/05/05 06:45:01.1600	4.098	-32.561	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/02/06 05:44:04.0000	0.9213	-30.2772	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1999/12/16 04:38:09.5500	12.027	-43.85	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1999/03/28 16:34:20.0000	-12.4258	-14.7951	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1998/12/18 14:47:02.6000	8.5821	-39.4715	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1998/07/26 03:38:28.6800	-0.7757	-20.9097	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1998/05/02 19:14:01.1000	0.9418	-29.1816	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/02/03 02:09:15.3000	-0.0025	-16.7316	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1997/12/02 04:47:56.2000	12.0096	-43.8134	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1997/12/01 00:10:32.5000	11.2484	-43.6807	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1997/08/12 23:58:46.1300	0.8425	-27.9686	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1997/05/25 10:52:34.0000	3.476	-31.509	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1997/04/25 02:52:39.5000	12.62	-44.494	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1996/06/21 23:34:34.3400	0.7343	-28.1687	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1996/04/17 04:11:55.2000	1.51	-29.66	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1996/02/22 06:00:22.0500	-5.0003	-11.4665	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1996/01/13 16:44:52.6000	-0.07	-16.72	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1995/04/03 15:36:37.0900	1.0161	-28.0123	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1995/01/20 22:47:51.7800	-0.5245	-19.7122	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1990/09/13 02:18:21.2500	-0.4656	-13.2489	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1990/07/08 17:28:52.0000	-6.7	-15.1	0	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1990/01/29 15:05:50.0000	-2.443	-27.802	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1990/01/29 15:05:48.8100	-4.7247	-26.8459	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1989/10/19 20:44:28.7200	-0.8223	-15.7827	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1988/05/18 04:17:26.3100	13.5841	-44.7116	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1987/08/30 09:18:50.0000	5.5532	-32.25	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1986/07/17 06:53:43.0000	1.002	-28.531	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1984/11/04 17:35:29.1000	11.0248	-43.4712	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1982/06/23 16:29:54.5300	10.8562	-41.149	33	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1981/06/18 05:06:19.9400	1.684	-30.511	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1981/06/18 02:51:58.0600	1.6554	-30.6229	10	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1980/07/04 15:51:46.4900	3.2566	-31.2579	33	MS	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2011/08/11 09:16:57.6800	-6.907	-12.3499	19	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2011/08/04 01:35:05.4100	3.9823	-32.1643	18	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2011/07/09 22:58:23.5000	-8.0153	-13.2279	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2011/07/07 09:06:13.6400	7.955	-38.0426	16	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2011/06/24 02:06:50.7100	0.8782	-25.5432	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2011/06/24 02:06:49.6700	0.6536	-25.4573	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2011/01/11 15:45:33.1000	-6.3134	-10.7538	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2010/10/28 21:41:13.8400	-0.4868	-19.9131	19	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2010/09/13 02:48:08.1300	0.7833	-29.092	16	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2010/09/13 02:48:06.6300	0.8073	-29.08	16	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/12/03 12:09:37.8000	-1.2921	-15.8686	12	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/09/21 23:18:30.9600	3.8233	-31.5617	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/09/20 22:07:26.0100	8.3185	-39.0823	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/08/09 07:31:08.6600	3.7434	-32.2043	18	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/06/17 06:45:13.8100	0.5777	-25.4822	12	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/03/27 10:00:46.2900	-12.8049	-14.4295	16	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/03/26 19:13:37.8900	-6.8405	-12.4231	19	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/03/22 06:35:14.2800	-12.8582	-14.5572	16	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2009/03/05 22:13:53.7900	-8.0009	-13.5487	17	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/03/05 22:13:52.1600	-8.0132	-13.518	17	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/02/24 00:46:38.6000	-0.226	-18.302	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2008/08/15 00:49:46.2500	0.4373	-25.2351	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2008/03/07 19:03:42.7700	8.6746	-39.6782	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2008/03/07 19:03:40.8500	8.6745	-39.6904	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2007/11/21 00:37:52.1000	13.3697	-44.861	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2007/08/21 16:36:41.1000	7.6	-39.705	14	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2007/08/19 12:59:40.4100	-2.613	-12.277	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2007/08/17 19:35:54.9200	-4.495	-11.502	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2007/05/06 17:44:39.1800	-7.6013	-13.4304	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2007/02/08 13:00:17.0000	9.331	-39.674	33	Ms	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2007/02/08 13:00:15.4900	9.2472	-39.5963	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/11/08 23:15:57.9500	0.881	-28.2336	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/11/07 06:14:57.2400	2.3665	-32.0557	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/11/07 06:14:55.2600	2.309	-32.0354	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/11/07 06:06:54.8000	2.1076	-32.3998	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/11/07 06:06:53.2100	2.1926	-32.3674	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/05/02 02:49:42.9800	-11.237	-13.1777	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/03/22 15:07:53.8600	-14.109	-14.3575	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/03/22 15:07:51.6300	-14.1251	-14.3655	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/03/07 21:17:47.7900	0.7099	-26.0045	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/02/09 15:40:38.8200	5.3764	-32.7772	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2005/11/05 01:08:53.5900	0.8209	-29.2956	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2005/09/17 10:35:57.4200	0.863	-29.235	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2005/09/17 10:35:55.5400	0.8614	-29.1629	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2005/09/14 11:00:58.8500	0.1145	-17.0126	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2004/02/03 19:28:13.8600	7.3773	-35.8411	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2003/07/15 05:36:20.1500	4.2777	-31.5575	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2003/07/15 04:29:26.5700	3.1065	-31.2859	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2003/06/06 06:59:44.7800	-0.7058	-16.1526	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2003/06/06 06:59:44.5100	-0.6786	-16.1001	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2003/05/29 11:24:36.5700	-0.87	-13.035	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2003/05/26 08:48:12.9300	1.2816	-28.9228	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2003/04/06 08:39:16.5600	0.5527	-24.9146	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2002/04/14 11:17:03.2200	12.026	-44.05	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2001/12/01 15:55:49.0200	-4.457	-12.3	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2001/08/19 07:36:15.6300	8.649	-39.486	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2001/06/07 09:16:19.2800	0.839	-27.694	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2001/05/30 11:24:42.2800	7.732	-36.741	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2001/05/01 19:14:46.1800	7.44	-36.02	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2001/02/04 09:17:41.8400	10.834	-42.39	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1999/10/09 09:54:47.7000	-6.8548	-12.8118	33	Ms	4.2	1.63682E+23	4.78	6.03	0.0068	113.54

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1999/10/09 09:54:45.8400	-6.783	-12.545	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1999/06/26 10:31:33.6600	3.8256	-32.0701	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1999/03/31 08:35:07.4900	-12.31	-14.743	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1999/02/09 02:44:22.4200	3.777	-31.643	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1998/09/25 20:02:59.6000	-3.3163	-12.348	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1998/08/31 01:44:56.2000	-2.4546	-11.7369	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1998/05/02 19:14:02.0700	0.2147	-28.817	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1998/01/26 14:32:31.4000	-10.5107	-13.062	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1998/01/02 11:47:02.7000	0.8826	-28.8549	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1997/12/14 08:56:27.7900	0.4621	-27.6985	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1997/08/12 23:58:47.1000	0.753	-27.894	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1997/05/25 10:19:24.0000	3.105	-31.217	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1996/12/15 14:12:10.4300	0.7961	-29.5967	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1996/11/23 00:22:48.5700	0.7614	-24.9067	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1996/10/17 15:01:29.7500	-6.8427	-12.7901	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1994/05/30 18:52:26.0000	11.6	-43.8	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1994/02/27 17:17:10.5600	-4.5807	-11.6859	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1993/06/23 16:36:05.7500	8.0484	-37.8601	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1993/02/25 11:22:04.8200	0.0433	-18.5112	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1991/09/15 15:10:52.0000	2.2	-16.5	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1990/07/30 10:04:52.4600	-4.3633	-10.8752	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1989/10/17 00:58:28.2300	0.5066	-25.0125	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1989/10/10 04:27:56.0800	12.7098	-44.022	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1989/10/10 04:27:55.7000	12.666	-44.012	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1989/09/03 10:15:25.6400	1.0103	-25.1037	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1988/04/28 04:24:19.0000	0.689	-30.045	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1988/01/24 07:07:35.4200	2.765	-31.1163	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1987/12/05 03:22:28.7200	8.9669	-39.6404	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1986/02/10 15:08:09.6800	7.7865	-36.3634	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1986/01/14 00:26:24.4200	13.4574	-44.8499	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1985/10/17 01:20:38.6000	-6.966	-13.159	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1985/10/17 01:20:38.8500	-6.9327	-13.1385	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1985/05/28 11:26:12.8000	-1.237	-24.526	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1985/05/01 06:01:29.0700	0.8061	-29.3984	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1984/05/14 09:40:30.5000	-2.463	-12.112	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1984/05/14 09:40:30.6600	-2.4503	-12.1319	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1983/11/22 05:31:27.8600	-0.833	-15.7002	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1983/08/22 12:38:21.2000	7.253	-34.51	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1983/01/14 12:03:28.7400	10.6597	-41.727	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1981/06/18 01:21:29.3800	1.7684	-30.5222	10	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1980/07/29 12:29:17.4900	13.4674	-44.9088	0	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1978/04/22 13:07:24.5400	12.0938	-43.7399	33	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1974/07/25 08:26:02.2000	3.726	-31.73	33	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1974/06/20 02:44:19.8000	3.132	-31.303	33	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1974/01/30 15:05:40.5000	4.488	-32.786	33	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1973/05/23 10:17:59.8000	-4.972	-11.643	33	MS	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2011/08/04 01:35:06.6400	3.8939	-32.1626	18	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2011/06/24 02:06:51.5900	0.6381	-25.4667	12	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2011/03/19 18:30:28.5500	-10.2589	-13.2887	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2011/03/01 02:01:02.4100	-5.6369	-11.5104	13	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2009/12/03 12:09:36.0100	-1.2821	-15.8225	12	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2009/07/18 17:06:35.5800	0.8826	-29.3217	12	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2009/07/16 15:18:00.3600	3.3433	-31.4312	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2009/07/08 20:03:51.3900	7.4544	-36.2835	24	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2009/03/24 12:34:53.8000	13.034	-44.056	33	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2009/03/22 12:54:52.3400	-12.7733	-14.6868	16	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2009/03/22 08:02:25.2000	-12.706	-14.65	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2009/02/24 00:46:38.7800	-0.2531	-18.265	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2008/12/19 14:25:03.3400	-7.0572	-12.993	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2008/12/13 17:21:02.2000	5.49	-38.133	33	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2008/10/21 23:04:35.2500	0.4111	-17.6474	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2008/10/21 21:21:51.7200	-10.4151	-13.1314	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2008/08/14 17:16:20.4300	8.0578	-38.0145	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2008/08/14 17:16:18.4800	8.0659	-38.0047	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2008/08/12 00:49:02.2800	-0.9184	-22.0308	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2008/02/26 14:14:29.2600	-10.2163	-13.3884	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2008/02/14 02:52:08.8000	-2.586	-13.249	33	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2007/10/23 03:03:00.3000	-1.7635	-12.4671	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2007/10/23 03:02:58.8500	-1.7137	-12.36	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2007/08/19 12:59:40.7200	-2.5844	-12.2466	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2007/06/08 22:01:23.0700	9.4475	-40.5268	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2007/02/08 14:32:09.7200	8.0685	-39.5111	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2007/02/08 10:21:41.8000	6.621	-40.701	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2006/11/17 23:42:41.0800	-12.7116	-14.6536	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2006/11/05 10:05:31.5000	-0.562	-23.996	33	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2006/05/24 17:58:04.8100	3.8758	-32.0626	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2006/05/02 02:49:45.2400	-11.0692	-13.2763	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2006/05/01 22:41:51.4500	-11.4161	-13.1134	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2006/05/01 22:41:49.2400	-11.3854	-13.1533	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2005/09/25 15:04:31.2700	7.1313	-33.9004	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2005/09/25 15:04:31.1300	7.0204	-33.8053	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2005/08/22 18:51:07.6800	7.4378	-36.3189	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2005/08/03 20:27:23.9800	-11.5364	-13.2492	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2005/07/21 09:52:50.4700	-1.01	-23.686	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2005/01/16 19:07:09.0800	-5.5897	-11.4194	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2004/09/05 21:37:19.0300	-6.8819	-12.3181	15	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/06/26 08:12:02.5300	-1.9122	-12.8314	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2004/06/02 15:06:01.0600	4.7657	-32.5191	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2004/04/04 09:57:14.3000	7.6088	-37.023	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2003/11/09 22:56:25.3500	-0.5173	-19.6467	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2003/08/16 02:05:57.3000	2.508	-29.23	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2003/07/15 03:12:51.6400	3.0733	-31.1782	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2002/06/26 01:25:27.7500	-4.8664	-12.3362	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2002/05/22 09:39:27.5700	-3.2102	-12.0374	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2002/05/13 13:20:48.7900	-12.465	-14.742	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2002/03/12 18:25:26.7800	0.297	-17.854	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2002/03/05 15:19:02.6200	-10.132	-13.283	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2001/12/01 20:52:01.0700	-4.365	-12.205	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2001/05/09 12:24:46.8100	-0.244	-18.182	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2001/05/03 05:50:39.3600	8.138	-37.975	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2001/05/01 19:14:45.8000	7.403	-36.007	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2001/03/31 19:43:23.8000	-10.161	-13.435	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2000/03/14 13:34:57.4800	10.777	-41.057	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2000/01/20 10:51:18.1000	-0.158	-18.011	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1999/10/09 09:54:46.6000	-6.8914	-12.4508	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1999/05/27 01:34:46.6100	6.3367	-32.8167	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1999/03/31 08:35:07.5000	-12.4006	-14.7325	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1999/02/09 02:44:22.4000	3.7488	-31.7728	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1999/01/31 08:34:22.6700	7.072	-33.608	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1998/12/18 16:01:03.7400	8.7082	-39.1585	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1997/07/30 13:37:41.9800	5.5712	-32.8081	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1997/07/04 14:41:07.7000	0.89	-27.938	21	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1997/05/27 11:49:15.9000	-0.814	-21.07	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1997/05/20 07:18:31.0400	0.9311	-28.1758	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1996/08/29 20:22:16.2000	0.93	-27.98	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1996/04/18 15:01:49.3200	-13.9294	-14.0178	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1996/04/05 04:30:54.9900	8.2935	-38.6039	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1995/07/14 01:46:28.9500	4.2661	-32.5445	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1995/07/06 08:07:08.2000	-1	-24.73	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1995/04/14 08:57:57.5000	-0.0944	-16.4436	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1994/11/16 14:01:37.7200	-11.3798	-12.3677	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1993/09/08 22:32:26.2400	0.0105	-16.6447	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1991/07/03 07:47:40.2900	1.1526	-30.2115	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1990/06/01 16:16:22.5100	3.5907	-31.51	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1989/11/15 03:08:00.2000	3.149	-31.253	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1989/11/15 03:08:00.3300	3.1327	-31.2436	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1988/11/18 01:32:20.6000	0.757	-27.754	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1988/08/16 23:08:41.4400	1.0758	-27.9155	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1988/08/05 15:09:53.4100	-0.9554	-13.3707	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1988/05/13 02:44:48.5000	2.708	-31.182	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1986/12/29 12:39:48.0000	3.3	-19.2	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1986/12/13 17:00:10.8300	0.8809	-28.2956	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1986/07/05 10:22:11.0000	-0.8	-15.7	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1986/06/24 23:35:00.6800	-0.0578	-17.8842	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1985/11/24 10:42:51.4000	9.174	-40.623	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1985/10/25 13:35:13.7800	10.1254	-43.9027	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1982/12/31 19:48:00.3000	13.928	-47.598	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1981/06/18 03:19:13.6400	1.689	-30.6552	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1981/06/17 23:46:30.8000	1.675	-30.7	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1981/06/17 23:46:30.7000	1.6547	-30.6303	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1981/06/16 02:57:45.4200	7.6649	-34.618	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1981/03/05 22:44:43.3300	8.2284	-38.0183	10	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1981/03/03 09:20:40.0000	-4.8	-18.8	0	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1972/10/29 03:09:24.5000	7.645	-36.733	33	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1972/08/27 19:38:05.2000	10.599	-42.513	33	MS	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2011/03/19 03:03:17.6200	-10.3254	-13.1181	14	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2011/03/01 02:01:00.9400	-5.5896	-11.4987	13	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2010/12/22 04:03:41.2000	-4.95	-11.681	9	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2010/12/21 15:06:04.6100	-8.165	-13.4649	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2010/11/14 11:21:44.8600	-0.116	-18.0968	23	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2009/07/11 01:54:31.7900	-14.0778	-13.8976	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2009/07/11 01:54:30.3600	-14.0313	-13.9033	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2009/03/22 12:55:03.8000	-11.607	-12.662	33	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/12/19 14:25:05.1400	-7.093	-12.9938	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/12/19 14:25:03.1100	-7.057	-13.0106	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/12/13 17:21:14.6800	8.0151	-38.0532	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/12/07 06:48:57.8500	13.3947	-44.801	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/12/07 06:48:55.8900	13.4154	-44.8009	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/10/21 23:04:36.0800	-0.0062	-17.4657	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/10/21 23:04:34.2400	0.03	-17.4621	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/10/21 21:21:53.6000	-10.425	-13.139	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/10/21 21:21:52.1000	-10.342	-13.131	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/09/19 21:17:35.2700	-7.114	-12.9768	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/09/19 21:17:33.2500	-7.0902	-12.9882	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/07/11 09:28:15.8900	-11.6195	-14.4009	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/05/24 13:21:28.3000	-0.345	-18.667	12	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2008/03/09 17:17:23.4100	0.7797	-29.7671	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/08/21 16:36:44.0000	8.116	-38.995	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/08/16 14:44:04.7800	-3.5123	-11.7566	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/08/16 14:44:02.4000	-3.459	-11.868	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/08/12 08:01:25.6100	-5.5285	-11.4975	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/08/11 06:32:54.6200	-5.5336	-11.5519	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/08/11 06:32:52.8000	-5.431	-11.609	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/08/08 01:01:39.5000	0.4	-28.94	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/08/08 01:01:38.1000	0.919	-29.18	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/04/10 00:35:20.9300	-11.491	-14.247	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/02/08 16:28:13.1000	9.7342	-39.1307	33	Ms	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/02/08 16:27:55.7000	6.79	-40.752	33	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/02/08 12:05:17.5000	8.9354	-39.4071	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/02/08 12:05:17.8300	8.7459	-39.297	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2006/11/05 10:05:29.1600	-0.9749	-23.4934	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2006/11/05 10:05:28.8800	-0.962	-23.563	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2006/03/30 03:14:26.9000	-3.379	-15.944	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2006/03/07 21:52:53.1500	0.7176	-25.9436	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2006/03/07 21:52:51.0300	0.6699	-25.8721	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2006/01/06 06:28:01.2000	6.399	-33.802	33	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2005/12/23 18:03:57.0000	8.115	-38.013	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2005/08/22 18:51:09.6100	7.457	-36.345	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2005/08/15 08:02:46.4100	-1.7103	-12.9666	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2005/07/21 09:52:48.7100	-1.0138	-23.6089	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2005/02/27 09:03:10.8300	-1.1359	-24.5663	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2005/02/27 09:03:10.8000	-1.0966	-24.4794	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2004/06/02 20:33:03.6400	4.8852	-32.7039	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2004/05/27 22:35:26.0900	10.731	-41.006	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2003/11/09 22:56:25.5500	-0.472	-19.692	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2003/08/16 02:05:52.5800	0.5989	-25.0855	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2003/07/28 22:18:07.4800	0.8301	-25.8443	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2003/07/15 17:49:59.8700	2.9719	-31.2834	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2003/07/08 08:51:27.1400	-7.0673	-21.808	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2003/01/11 07:30:06.4800	-4.9269	-11.6092	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2002/06/29 11:50:53.5400	7.42	-36.264	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2002/06/26 06:38:13.7300	-4.713	-12.28	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2002/06/26 03:24:50.1600	-4.9465	-12.4102	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2002/06/26 01:25:27.8600	-4.894	-12.358	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2002/03/14 21:15:11.1100	3.419	-30.883	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2002/01/22 19:29:48.8600	-5.57	-11.384	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2001/12/01 20:52:01.2000	-4.344	-12.215	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2000/08/31 20:30:06.8000	1.1089	-26.8039	33	Ms	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2000/06/14 21:16:37.5000	-4.3703	-12.7581	10	Ms	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2000/05/20 09:44:23.4200	3.938	-31.477	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2000/04/29 15:01:38.7200	-1.261	-15.904	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2000/02/09 18:28:53.7000	-0.022	-16.453	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1998/12/19 01:15:39.2000	-1.4387	-13.1471	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1998/12/13 20:07:52.9500	13.3633	-44.916	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1998/08/17 08:02:08.4000	-3.2236	-12.2293	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/07/10 08:20:33.0300	-1.2816	-15.8531	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1998/04/13 08:40:19.0100	-0.0496	-17.3106	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1998/04/03 17:52:50.7000	-6.8763	-11.6948	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1998/03/12 08:23:07.0000	8.808	-39.8295	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1998/03/01 06:58:28.4000	-12.1001	-14.7836	33	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1997/12/08 06:26:19.9000	3.4544	-31.5253	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1997/05/25 10:19:24.7900	3.068	-31.2297	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1997/05/19 20:05:38.2000	0.128	-16.732	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1997/05/01 04:56:29.4000	-0.3553	-19.181	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1997/03/20 02:17:05.4000	-1.672	-13.03	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1997/01/30 23:46:29.6000	7.48	-36.26	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1996/10/04 07:08:16.5000	-12.25	-14.74	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1996/06/08 16:07:03.8000	-12.79	-14.61	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1995/11/25 09:34:42.1300	0.8518	-27.7388	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1995/06/05 05:48:53.6000	1.84	-30.53	0	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1993/07/14 19:12:44.5700	13.709	-44.9464	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1993/02/27 12:38:51.0600	-0.4296	-19.4626	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1989/12/30 21:29:35.9400	0.7505	-30.0243	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1988/09/03 19:55:08.9000	8.8161	-39.6249	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1988/07/17 18:34:42.4000	3.928	-31.465	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1988/05/13 02:44:49.2900	2.9902	-31.1694	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1988/04/24 16:48:07.5600	2.3931	-31.6124	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1987/06/02 07:12:29.1000	-7.1272	-12.7099	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1987/06/02 07:12:28.3000	-7.031	-12.741	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1987/03/12 05:34:20.4000	-0.993	-13.696	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1987/01/12 09:23:42.7000	7.364	-34.944	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1986/09/09 04:37:50.4000	-4.639	-11.426	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1986/08/17 06:09:29.4000	-1.218	-13.113	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1986/06/23 11:58:23.8600	7.5461	-37.2454	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1986/05/31 12:56:18.2000	0.389	-30.549	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1985/11/24 10:42:51.6600	9.1505	-40.5609	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1985/07/15 00:33:33.8900	-0.4047	-19.6184	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1984/12/01 09:37:56.7000	-14.808	-4.132	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1984/08/10 23:29:36.8200	14.9969	-45.018	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1984/07/26 11:17:41.5600	3.3087	-31.6587	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1983/01/07 10:12:23.8500	-0.011	-17.684	33	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1982/12/31 19:48:00.8900	13.8985	-47.6631	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1979/05/30 00:09:26.4500	-6.7686	-11.5837	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1979/02/28 08:29:51.4500	12.097	-43.8678	10	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1973/12/12 06:56:55.9000	1.541	-30.493	33	MS	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2011/09/29 00:08:03.3600	-12.9283	-14.5408	16	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2009/03/22 05:52:47.0000	-10.739	-12.586	33	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2008/08/14 17:16:23.8000	8.0811	-37.9993	33	Ms	4.5	3.42768E+23	4.99	9.78	0.0116	118.70

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/11/17 08:42:19.9800	-1.1865	-13.1479	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2007/08/08 01:01:39.8200	1.0761	-28.9877	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2007/02/08 10:21:55.3000	8.7578	-39.4535	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2007/01/26 21:00:46.0900	9.089	-40.4566	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2006/04/28 07:22:40.1800	3.9574	-31.4972	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2006/03/30 03:14:39.3000	-1.33	-15.884	14	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2005/12/19 14:44:49.3500	3.218	-31.426	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2005/12/19 14:44:47.8400	3.2005	-31.4029	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2005/03/28 00:01:30.2000	-0.032	-20.571	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2004/09/28 13:29:41.7200	-12.846	-14.522	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2003/07/08 08:51:27.0700	-7.077	-21.828	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2003/04/04 22:38:37.8600	9.1917	-34.6532	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2002/07/23 08:02:37.1200	-1.2398	-23.3496	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2002/07/11 12:44:10.7000	-1.6819	-12.9122	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2002/06/26 03:24:50.4200	-4.928	-12.364	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2001/12/01 15:49:09.4300	-4.387	-12.2005	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2001/12/01 15:49:09.3200	-4.338	-12.237	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2001/07/25 19:47:06.9400	-11.685	-14.272	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2000/07/30 01:14:23.4500	7.2066	-34.128	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1999/03/31 09:01:08.1100	-12.356	-14.881	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1999/02/04 19:43:14.3000	0.5887	-30.6647	33	Ms	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1998/08/17 08:02:08.7000	-2.98	-12.185	33	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1998/08/05 07:30:55.1000	5.9131	-33.1124	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1998/03/12 08:23:07.1400	8.78	-39.7388	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1998/03/01 12:31:25.8000	-6.9942	-12.6936	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1998/03/01 12:31:20.5500	-6.7852	-12.666	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1998/01/02 12:00:40.3000	0.9755	-28.8568	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1998/01/02 12:00:35.5500	0.9737	-28.8017	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1997/04/25 02:52:39.6200	12.6669	-44.5042	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1996/10/31 19:38:53.6000	-0.2873	-18.1871	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1996/07/31 05:48:24.1600	3.8477	-31.5303	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1996/02/20 18:12:37.9000	-7.92	-13.69	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1996/02/03 18:26:12.2600	8.1124	-38.0513	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1995/06/07 11:43:16.4000	-0.03	-16	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1994/08/01 04:17:41.1300	12.4243	-44.0883	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1993/09/18 13:22:57.3400	0.3327	-16.3614	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1993/07/21 00:30:23.0000	0.8	-17.1	0	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1993/06/17 22:37:58.0000	0.12	-16.56	3	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1993/04/30 08:35:08.5300	7.3032	-36.9947	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1992/09/15 04:07:26.7300	-12.2657	-14.7641	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1991/02/01 08:41:09.8300	4.4883	-31.4583	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1989/11/08 11:20:48.2000	8.592	-39.774	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1989/10/18 10:40:58.5400	14.6229	-45.1878	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1989/09/13 00:41:06.0900	5.6301	-32.7651	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1989/09/13 00:41:05.9000	5.625	-32.783	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1989/09/09 07:55:17.0000	-0.755	-13.415	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1989/09/09 07:55:17.1500	-0.739	-13.4277	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1989/05/28 21:01:25.8400	0.3785	-28.8821	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1989/04/13 14:38:29.1100	4.199	-32.4826	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1989/04/08 00:04:44.4200	12.9517	-44.9291	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1988/04/21 14:19:13.5000	0.83	-30.239	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1988/03/17 22:41:40.1000	3.247	-31.457	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1987/06/10 16:36:36.6800	3.2386	-31.3637	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1987/06/04 13:23:34.0000	0.811	-27.338	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1985/08/29 07:21:42.2000	0.415	-28.113	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1985/08/29 07:21:42.4200	0.3931	-28.0998	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1985/07/21 06:55:37.4600	0.1256	-13.8043	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1985/07/18 22:35:52.8000	0.22	-16.795	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1984/11/05 23:05:26.0400	1.6086	-26.6246	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1984/05/13 04:05:46.5000	14.997	-45.055	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1983/04/24 20:11:33.4000	-0.89	-12.84	33	Ms	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1982/01/01 07:59:38.3000	0.781	-27.907	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1979/12/16 07:18:55.4400	-6.9414	-12.5112	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1979/01/28 19:19:30.3900	12.0503	-43.7843	10	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1978/02/08 06:02:24.8000	1.0071	-29.7483	33	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1974/08/12 14:17:05.1000	-0.021	-16.463	33	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1970/08/05 09:08:59.4000	11.9	-43.7	33	MS	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2011/09/29 00:08:03.3000	-12.928	-14.591	15	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2011/06/02 12:30:28.7300	-11.5131	-13.3417	20	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2011/03/01 03:46:29.7900	-5.6381	-11.312	13	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2011/03/01 03:46:28.5900	-5.5551	-11.3532	13	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2011/02/15 21:59:03.6700	-0.2199	-17.8372	23	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2011/02/15 21:59:02.1500	-0.1655	-17.8891	23	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2010/11/22 05:09:50.2000	8.223	-39.408	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2010/11/17 22:33:41.9800	-7.4824	-13.3493	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2010/03/10 08:07:23.9500	7.1083	-34.2978	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2010/03/10 08:07:22.1200	7.1222	-34.3583	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2009/07/16 15:05:43.2100	3.277	-31.5173	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2009/06/24 11:12:20.1000	-1.04	-16.15	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2009/03/26 18:43:47.3300	-6.7714	-12.5904	19	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2009/03/22 12:54:50.1000	-12.543	-14.793	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2009/03/22 06:06:37.0200	-12.8586	-14.5654	16	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2009/01/16 22:13:56.1000	12.78	-44.47	33	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2008/02/23 01:48:00.6200	-1.3142	-15.7436	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2007/01/15 10:11:27.5100	8.8194	-39.7821	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2006/08/01 12:01:43.4400	-7.07	-12.828	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/08/01 12:01:41.7000	-6.994	-12.798	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2006/04/28 07:22:48.6000	4.61	-31.75	33	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2006/04/28 07:22:40.2000	3.946	-31.446	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2006/03/30 03:14:41.0300	-1.3035	-15.8818	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2006/03/20 03:16:46.1000	-0.235	-28.18	33	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2005/07/21 19:17:47.0000	-7.994	-13.818	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2005/04/12 13:55:51.0300	-10.4638	-13.088	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2004/10/25 20:59:50.3000	0.944	-28.898	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2004/02/07 23:40:57.1100	13.449	-44.8075	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2003/10/11 23:08:43.0000	-1.571	-15.449	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2003/08/27 12:38:59.3700	6.9575	-34.0091	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2003/04/04 22:38:28.2900	7.376	-34.0924	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2003/04/04 22:38:26.9000	7.129	-34.039	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2003/02/13 08:23:47.2400	-12.914	-14.544	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2003/02/13 05:59:11.4300	-6.6588	-11.8702	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2002/12/21 14:12:36.9900	-10.6269	-13.1957	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2002/12/21 14:12:35.6900	-10.651	-13.21	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2002/07/11 12:44:09.8700	-1.513	-12.958	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2001/10/10 10:02:00.7600	5.8556	-32.7994	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2001/07/30 19:50:09.5000	-3.18	-12.181	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2001/07/28 11:20:38.6900	0.973	-26.444	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2001/07/28 11:20:38.8700	0.957	-26.447	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2001/07/25 19:47:06.7100	-11.694	-14.306	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2001/06/12 14:22:16.3000	14.564	-44.905	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2001/06/12 14:14:40.5100	14.64	-44.973	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2001/01/05 11:54:21.4000	0.027	-20.663	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2000/08/31 20:30:04.3800	0.8607	-26.7997	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2000/07/26 05:37:45.3000	0.7631	-26.0727	33	Ms	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1999/09/01 06:42:41.8100	4.678	-32.587	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1999/07/03 16:36:06.0600	8.133	-37.9677	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1999/06/24 07:30:46.1800	0.8106	-28.8391	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1999/03/16 14:42:57.7000	0.2875	-15.998	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1998/03/01 06:58:24.7000	-12.3507	-14.8375	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1997/12/11 14:01:14.0400	-0.8526	-21.6961	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1997/05/21 20:23:12.3000	-0.067	-16.802	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1997/05/19 20:05:37.9000	0.015	-16.698	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1997/05/16 17:50:09.4000	0.116	-16.862	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1997/03/20 02:17:12.5000	-1.012	-11.826	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1996/12/14 09:50:39.1100	12.7249	-44.7306	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1996/08/29 20:22:14.5000	0.48	-27.61	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1996/07/15 06:01:11.2600	-3.4832	-12.1693	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1996/07/15 05:01:45.5600	-3.5836	-12.1813	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1995/07/06 08:07:04.9600	-1.4918	-24.0199	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1995/05/30 15:25:25.6700	10.1595	-42.784	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1994/11/30 02:28:15.7400	10.7768	-40.9934	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1993/06/20 22:18:08.1600	-10.5822	-13.1411	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1992/10/05 01:51:28.0000	12	-46.7	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1992/07/23 23:31:50.8900	-13.9897	-14.3109	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1991/08/29 16:33:56.0900	-5.3499	-13.7365	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1990/12/28 04:15:40.3000	-1.1197	-24.4784	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1989/12/31 18:31:20.8000	7.628	-37.086	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1989/03/31 06:50:38.4000	-1.8324	-12.7804	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1988/09/08 20:14:47.0000	-0.831	-22.291	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1987/10/09 01:02:07.3100	0.9086	-27.2108	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1987/09/20 05:07:57.3000	4.293	-32.523	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1987/06/04 13:23:34.5100	0.893	-27.2735	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1986/12/29 12:39:20.0200	-0.483	-19.8693	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1986/12/13 17:00:10.6000	0.849	-28.304	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1986/11/28 00:55:01.0400	-10.4977	-13.1959	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1986/11/28 00:55:00.8000	-10.531	-13.206	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1986/08/11 19:43:13.1000	-0.075	-17.852	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1986/06/15 17:32:35.9000	4.288	-32.688	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1985/07/18 22:35:40.0000	-1.8	-18.2	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1985/07/18 21:19:23.5000	0.0696	-16.7639	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1985/04/06 19:30:53.1000	7.214	-33.897	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1984/08/10 23:29:36.4000	14.971	-45.041	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1984/01/25 00:19:27.3300	8.5724	-39.1954	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1983/04/27 10:18:05.5000	0.9136	-27.7246	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1982/11/28 00:33:13.2700	-0.5086	-16.1048	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1980/06/10 05:27:56.8900	-1.7806	-12.9149	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1979/07/15 15:06:42.9500	-1.6387	-14.9102	10	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1979/02/13 01:51:00.3100	12.084	-43.8769	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1978/09/11 18:18:22.5200	10.8406	-43.4192	0	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1973/11/25 07:33:52.5000	-3.011	-12.063	33	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1973/10/14 00:55:39.0000	4.678	-32.57	33	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1972/08/29 19:15:17.8000	8.535	-39.396	33	MS	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2011/07/09 23:17:57.1000	-7.83	-13.59	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2010/11/26 13:01:52.0000	10.922	-43.881	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2010/11/17 22:33:43.5400	-7.5891	-13.3853	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2010/11/17 22:33:42.0000	-7.512	-13.316	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2009/06/24 11:12:20.2600	0.1473	-16.8197	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2007/02/08 16:28:09.7000	9.598	-39.343	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2006/11/13 08:54:12.2000	-11.13	-13.36	33	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2006/11/13 08:53:58.2500	-12.4611	-14.7556	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2006/11/13 08:53:56.2200	-12.4265	-14.7584	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2006/04/08 22:03:03.9200	-0.253	-18.142	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2005/10/02 06:54:56.3000	0.868	-29.566	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2005/04/22 03:46:04.3000	-10.113	-13.189	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2005/04/12 13:55:52.7800	-10.508	-13.088	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2005/03/21 16:14:34.8000	-1.02	-24.521	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2004/09/28 13:43:25.5000	-12.98	-15.212	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2004/06/02 20:47:55.4000	4.821	-32.558	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2004/03/12 20:30:45.7800	5.728	-32.952	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2003/10/11 23:08:44.2600	-1.5672	-14.9643	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2003/08/27 12:38:58.4500	6.783	-33.972	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2003/08/06 19:55:35.0000	7.7	-36.7	10	Ms	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2003/02/13 04:45:21.6900	2.7365	-31.4679	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2002/12/15 05:56:23.5000	10.812	-43.199	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2002/07/11 12:42:17.7000	-1.616	-12.934	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2002/06/26 01:00:11.7000	-4.743	-12.376	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2002/06/25 22:59:12.1300	-4.908	-12.445	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2002/06/25 22:59:11.8900	-4.955	-12.384	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2002/06/25 20:15:57.4400	-4.8557	-12.2884	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2002/06/25 19:55:59.4000	-4.745	-12.317	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2002/06/02 00:52:10.3500	7.626	-37.385	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2002/03/14 21:03:19.2000	3.252	-31.329	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2001/10/10 10:02:00.7200	5.798	-32.713	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2001/08/28 17:40:35.9700	-11.475	-13.294	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2001/07/30 19:50:09.2200	-3.294	-12.183	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2000/08/31 20:30:04.2000	0.841	-26.68	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2000/08/31 20:30:04.3300	1.016	-26.732	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2000/06/16 18:17:59.1000	-7.7688	-13.5286	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2000/05/18 09:50:28.0000	-10.345	-12.9349	33	Ms	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2000/04/29 15:16:32.7000	-5.9045	-19.3213	33	Ms	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1999/09/06 01:51:18.5000	-14.1206	-14.2053	33	Ms	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1999/02/05 04:23:11.0000	-6.6539	-11.649	33	Ms	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1998/03/25 18:46:10.7000	-2.2591	-12.239	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1998/03/01 06:58:24.3400	-12.29	-14.8531	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1997/09/28 13:58:12.3000	7.0323	-34.4674	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1997/08/26 08:43:27.4600	-6.9879	-21.9489	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1997/05/21 20:23:01.2500	-0.0057	-16.7036	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1996/10/07 06:07:02.5800	0.8767	-28.3846	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1996/08/28 06:30:50.1000	0.88	-27.95	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1996/08/28 06:30:49.8800	0.9675	-28.1111	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1996/06/08 16:37:04.0300	-12.8288	-14.7005	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1995/12/28 08:36:43.3500	13.6526	-45.5647	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1995/06/06 13:17:34.6000	-1.2225	-14.3606	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1993/12/11 22:25:33.1500	7.6178	-36.0963	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1993/09/21 13:09:07.9000	0.6	-16.49	3	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1993/09/18 13:22:56.7000	0.45	-16.17	3	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1993/07/21 00:30:16.6000	0.14	-16.61	3	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1993/04/30 08:49:09.4300	7.6848	-37.1367	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1992/11/04 05:28:41.1000	-0.0326	-16.8671	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1992/07/11 16:07:56.9400	-12.9509	-14.4812	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1992/07/11 16:07:55.2000	-13	-14.51	3	Ms	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1991/03/13 08:01:53.0200	12.6913	-44.5389	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1990/08/05 13:10:13.2000	-1.0893	-12.8929	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1989/11/22 05:46:32.3000	-0.6128	-19.6812	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1989/11/22 04:25:19.9000	-1.153	-15.95	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1989/08/31 11:04:58.6000	-0.174	-17.801	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1989/06/17 20:47:08.0000	-3.6	-23.1	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1989/04/16 08:04:29.5000	4.612	-32.651	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1988/12/27 13:05:51.5600	0.8671	-29.4054	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1988/09/30 03:00:37.1100	-1.284	-14.4269	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1988/09/20 21:58:35.7000	-12.425	-14.939	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1988/09/08 20:14:47.0800	-0.8335	-22.2801	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1987/10/02 11:27:08.1000	0.896	-28.453	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1987/01/13 06:47:50.2200	-5.152	-11.5534	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1987/01/13 06:47:49.7000	-5.196	-11.516	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1986/11/05 06:29:56.4300	-1.2408	-13.9238	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1986/11/05 06:29:54.9000	-0.957	-13.864	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1986/08/11 19:43:13.3800	-0.0563	-17.8216	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1986/06/22 05:49:18.2000	7.768	-37.232	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1986/06/22 05:49:18.4000	7.6765	-37.0246	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1985/09/25 10:37:44.6600	12.5392	-44.3157	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1985/07/18 07:26:45.8000	-0.682	-16.161	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1985/06/11 06:54:37.1000	-1.712	-14.967	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1984/12/20 23:31:17.6000	7.076	-33.868	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1984/11/02 08:59:48.8100	-10.4727	-13.1073	33	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1984/08/30 20:12:59.5000	7.096	-33.905	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1984/05/04 10:32:25.3000	-2.263	-12.595	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1984/05/04 10:32:25.6300	-2.1323	-12.5943	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1983/10/13 23:27:33.4000	7.331	-34.662	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1982/06/01 09:24:53.4700	-14.0459	-14.5101	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1982/05/09 04:38:56.8000	-1.517	-15.66	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1982/05/09 04:38:56.8900	-1.5504	-15.5857	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1982/04/10 09:47:05.2500	7.2511	-35.7737	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1981/08/02 18:08:26.9400	-7.6038	-13.5155	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1981/06/18 16:17:20.4200	1.7089	-30.5835	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1981/06/16 02:57:44.3000	7.462	-34.589	10	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1979/01/28 23:31:00.0500	12.0319	-43.8595	0	MS	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2011/08/14 01:29:37.4700	-1.3813	-14.6044	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/03/19 18:43:03.5800	-10.2864	-13.2043	14	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2011/03/19 18:43:02.1200	-10.2261	-13.2103	14	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2011/03/19 18:43:01.7000	-10.137	-13.251	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2010/11/26 13:01:54.5300	10.7601	-43.6854	16	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2010/11/26 13:01:52.7200	10.7005	-43.6907	16	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2009/11/20 19:31:25.3000	-0.118	-17.947	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2009/11/20 19:31:24.0900	-0.1589	-17.9463	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2009/06/24 11:12:20.3000	0.206	-16.838	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2009/01/16 22:14:00.3600	14.4511	-45.0488	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2008/08/19 08:33:54.0000	-8.012	-13.458	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/09/07 09:25:16.1000	7.377	-34.689	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/03/07 23:01:24.4800	3.0469	-31.8075	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/03/07 23:01:22.3400	2.9992	-31.8214	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/02/08 16:28:08.0300	8.596	-39.433	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/02/08 16:28:08.3900	8.6422	-39.3938	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/02/08 16:28:06.5800	8.6677	-39.3776	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/02/08 12:05:36.6700	8.8089	-39.5037	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/02/08 12:05:34.6200	8.8105	-39.4773	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/02/08 10:21:57.2900	8.7169	-39.4906	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/02/08 10:21:55.6000	8.793	-39.517	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2006/11/07 06:06:52.1000	2	-32.4	10	Ms	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2006/04/08 22:03:02.3200	-0.2225	-18.0688	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2006/03/27 01:10:32.1000	7.075	-34.216	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2006/03/27 01:10:32.5200	7.1155	-34.1835	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2006/03/20 03:16:48.3700	1.0404	-28.1256	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2006/03/04 00:53:23.8000	-0.276	-28.103	33	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2006/02/20 19:26:47.7700	-10.2578	-13.3284	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2006/01/06 06:27:59.9200	6.9314	-34.4184	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2006/01/06 06:27:57.6300	6.9017	-34.407	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/08/15 07:53:43.9000	-1.566	-13.113	33	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/07/21 19:17:49.5900	-8.13	-13.492	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/07/21 19:17:48.2500	-8.1521	-13.485	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/07/21 19:17:47.9900	-8.0374	-13.5465	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/06/24 13:54:36.0700	-1.07	-13.421	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/06/24 13:54:34.3000	-0.915	-13.384	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/03/24 07:33:49.6000	7.164	-34.115	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/03/21 16:14:35.1000	-1.0087	-24.53	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/01/29 21:01:09.2900	-1.6914	-15.4666	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/09/28 13:43:26.1100	-13.236	-15.06	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/09/28 13:43:25.5000	-13.296	-15.018	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/07/06 15:31:51.7300	-11.7501	-13.4972	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/05/11 23:58:52.8000	12.736	-44.492	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/05/05 05:24:17.8000	-7.147	-13.582	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/04/24 08:03:06.1000	0.819	-27.113	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/04/24 08:03:06.1300	0.819	-27.113	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/04/24 08:03:05.3500	0.9288	-27.1232	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/04/24 08:03:04.5200	0.8602	-27.0749	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/03/17 06:40:57.1000	-7.043	-13.012	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/03/17 06:40:55.5400	-6.9969	-13.0104	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/03/14 00:20:24.6000	-1	-24.5	10	Ms	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2004/02/07 23:40:58.8000	13.435	-44.827	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2002/07/31 09:12:44.9000	7.526	-36.306	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2001/03/31 19:43:23.6100	-10.389	-13.089	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2001/01/02 19:37:35.6000	1.288	-27.777	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2001/01/02 19:37:35.7700	1.285	-27.773	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2000/09/10 21:37:43.2000	-1.7734	-13.0012	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2000/07/14 05:22:01.8900	-0.912	-16.12	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2000/06/14 21:16:38.0900	-4.832	-12.353	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2000/05/18 09:50:25.9000	-10.405	-13.158	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2000/04/29 15:20:06.8900	-1.148	-15.88	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1997/10/19 07:30:00.9100	7.603	-37.0956	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1997/05/16 17:50:09.9400	0.0152	-16.7455	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1996/08/30 23:00:31.8000	-3.27	-11.95	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1995/07/14 02:01:13.0000	4.17	-32.4	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1994/11/16 21:34:53.5000	-10.12	-12.86	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1993/09/21 13:09:08.9100	0.3961	-16.436	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1993/03/03 13:06:02.6700	4.8746	-32.8251	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1992/08/25 18:02:45.9800	4.9717	-32.6332	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1992/07/11 08:40:05.3000	-12.1592	-14.9219	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1990/06/19 23:56:10.2500	0.9735	-26.5085	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1989/11/25 12:11:14.0000	-0.603	-19.774	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1989/08/31 11:04:58.9800	-0.1421	-17.8227	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1989/04/08 00:09:04.7700	13.0012	-44.7784	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1989/03/31 06:50:39.1000	-1.721	-12.783	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1988/09/08 20:14:48.2000	-0.57	-21.82	3	Ms	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1988/03/17 22:41:39.9700	3.2284	-31.441	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1987/10/22 17:22:04.3600	-7.8488	-13.4025	33	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1987/07/21 07:53:19.2000	4.018	-31.615	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1987/06/01 02:53:29.7300	8.1246	-37.9964	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1987/04/14 00:13:23.0000	-13	-12.1	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1987/03/12 23:10:30.7000	-0.268	-18.147	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1986/09/20 01:31:16.0000	-0.3	-26.3	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1985/07/01 09:53:36.1100	0.8777	-26.7966	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1985/06/03 20:11:56.1000	-7.803	-13.473	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1985/02/27 22:57:53.8000	0.8	-14	3	Ms	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1984/09/18 10:00:03.9200	-10.6289	-13.042	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1984/06/22 01:04:22.7200	0.6623	-30.3101	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1984/03/20 17:19:06.3000	10.782	-42.261	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1984/01/25 03:51:44.8000	8.644	-39.414	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1983/11/17 14:53:19.1300	-7.224	-13.5157	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1983/11/17 14:53:17.3000	-7.242	-13.531	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1983/09/07 13:23:18.4000	8.263	-37.973	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1983/01/05 16:52:20.3000	-6.71	-11.609	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1982/08/30 08:39:25.2000	0.002	-17.599	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1982/08/30 08:39:25.4700	0.0584	-17.5734	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1982/02/23 12:30:46.9000	8.0809	-39.3212	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1980/11/01 16:00:44.4500	-3.1839	-12.6835	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1980/07/25 05:57:18.2100	-0.0472	-17.5095	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1979/06/28 07:30:24.8800	0.0405	-24.9716	10	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1979/06/09 06:31:48.6000	11.8527	-43.7298	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1974/06/26 18:54:17.9000	10.964	-43.332	33	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1973/10/13 21:10:55.0000	4	-30.7	0	MS	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2011/08/14 01:29:39.3400	-1.337	-14.653	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2011/07/09 23:47:31.3600	-7.7505	-13.4334	17	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2010/11/27 02:44:51.3000	10.585	-43.173	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2010/11/26 13:01:52.6600	10.9	-43.72	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2010/08/02 03:30:02.8900	7.103	-34.206	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2009/11/20 19:31:27.5600	-0.197	-17.9742	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2009/11/20 19:31:26.1100	-0.18	-18.002	5	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2009/08/22 12:34:48.2700	0.9129	-28.4905	7	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2009/07/02 03:20:48.6000	-11.8541	-14.0659	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2009/07/02 03:20:47.2300	-11.662	-14.1097	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2008/10/03 05:30:22.2000	7.589	-36.823	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2008/09/19 21:17:34.1000	-6.84	-13.22	13	Ms	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2008/08/19 08:33:54.2400	-8.1959	-13.4568	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2007/09/07 09:25:17.9700	7.318	-34.681	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2007/08/21 13:35:37.2000	8.1	-39.3	10	Ms	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2007/08/16 14:18:23.0000	-3.426	-12.137	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2006/07/02 07:18:25.3000	-13.4	-21.2	10	Ms	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2006/03/30 03:14:40.7000	-1.3	-15.9	10	Ms	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2006/01/06 06:27:59.5800	6.956	-34.468	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2005/10/02 06:54:56.2600	0.8364	-29.5897	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2005/08/15 07:53:41.4400	-1.6854	-12.9962	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2005/03/21 16:14:38.5300	-1.056	-24.585	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2005/02/27 09:03:10.1000	-1.2	-24.6	10	Ms	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2005/01/29 21:01:07.2200	-1.6357	-15.4641	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2004/07/06 15:31:52.9600	-11.725	-13.523	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2004/07/06 15:31:50.9500	-11.6736	-13.5044	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2004/07/06 15:02:54.8000	-11.776	-13.375	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/06/02 20:47:55.7200	4.8612	-32.6359	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2004/05/11 23:58:54.4100	12.702	-44.49	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2004/05/05 05:24:18.6000	-7.408	-13.483	9	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2004/05/05 05:24:18.6900	-7.408	-13.483	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2004/04/04 18:04:36.5000	-2.789	-11.969	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2004/04/04 18:04:32.9200	-3.3842	-12.2354	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2002/09/08 23:03:45.2900	-1.225	-14.634	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2002/08/03 14:18:17.5000	-1.457	-16.076	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2002/06/25 20:15:57.6200	-5.038	-12.296	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2002/06/12 19:52:47.3000	-0.688	-20.617	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2002/03/07 07:10:13.8000	-1.288	-24.406	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2000/07/15 03:13:22.9000	-0.398	-19.574	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1999/02/04 19:43:14.6500	1.202	-30.529	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1998/01/19 12:30:06.2700	-0.6352	-20.1426	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1997/09/01 22:59:28.7500	0.0231	-16.779	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1997/05/21 20:23:01.2000	0.094	-16.8	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1996/12/15 15:41:00.9400	3.8475	-32.0995	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1996/10/22 10:27:15.9300	7.2926	-34.9321	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1996/08/27 14:36:43.4000	-6.92	-12.66	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1994/11/14 11:27:56.6300	0.0386	-16.9619	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1994/05/17 20:00:40.6100	-0.0619	-16.6455	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1993/05/02 15:11:55.5100	0.9846	-27.7891	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1992/11/04 20:31:06.9400	-0.0915	-17.7612	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1992/10/09 09:34:51.4000	-0.58	-15.95	3	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1991/10/26 05:27:59.8400	7.3741	-34.8626	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1991/08/29 16:59:49.3100	-6.9236	-12.727	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1991/07/18 05:54:06.1300	-1.1863	-23.9644	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1991/01/20 00:09:54.3900	-3.1685	-12.2138	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1989/11/25 12:11:14.7800	-0.6586	-19.717	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1989/09/02 22:00:26.9000	0.175	-24.858	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1989/04/16 08:35:03.2000	4.462	-32.573	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1989/04/16 08:35:03.6200	4.5197	-32.5716	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1989/03/31 07:02:35.4300	-2.1449	-12.5761	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1988/10/18 02:26:01.7200	7.2868	-35.8765	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1988/10/18 02:25:54.0000	5.5	-35.7	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1987/06/09 18:39:20.4000	13.07	-43.75	3	Ms	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1987/03/19 01:45:03.5900	-6.112	-11.4054	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1987/03/12 23:10:31.4000	0.21	-18.14	3	Ms	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1986/10/27 14:11:58.4100	7.4983	-36.6637	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1985/08/22 14:42:29.4100	-10.2269	-13.2799	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1984/09/19 08:32:20.1000	1.004	-28.136	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1983/04/09 00:48:15.2600	-3.9192	-13.2949	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1983/04/09 00:48:04.4000	-5.87	-11.791	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1983/04/03 18:59:22.2600	5.6383	-32.8949	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1983/03/02 12:06:18.2600	3.8982	-32.4662	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1982/12/02 03:20:13.9000	-1.204	-23.75	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1982/11/03 13:27:38.7000	0.84	-27.875	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1982/10/24 11:06:40.0200	-0.6169	-19.3342	33	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1982/01/13 10:30:51.4200	-11.5155	-13.1614	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1981/08/17 00:15:05.0600	0.8753	-26.6833	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1981/08/17 00:15:04.7000	0.875	-26.755	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1981/06/18 02:51:58.3000	1.807	-30.656	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1981/04/27 05:10:36.8000	0.158	-17.505	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1980/07/24 21:20:15.0200	0.8231	-29.513	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1980/03/25 13:46:53.1600	-10.2682	-13.2686	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1979/06/09 06:31:48.9000	12.48	-43.73	3	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1978/01/28 02:02:37.9900	0.5315	-27.0526	10	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1978/01/28 02:02:28.4000	0.43	-28.78	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1974/06/27 18:46:25.7000	1.52	-30.841	33	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1974/02/25 01:32:17.3000	-11.518	-13.302	33	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1973/11/15 06:05:57.4000	-1.361	-15.935	33	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1973/10/13 21:22:36.5000	4.985	-32.621	33	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1973/09/09 08:32:14.8000	-7.112	-12.841	33	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1973/05/23 10:17:34.0000	-7.3	-14.3	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1972/06/26 16:04:13.0000	5.7	-32.6	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1971/10/15 21:58:35.8000	7.721	-37.341	33	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1971/04/29 08:14:59.0000	0.4	-19.2	0	MS	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2011/07/09 23:47:29.2900	-7.7379	-13.4779	17	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2010/11/27 02:44:53.2400	10.5469	-43.2165	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2010/11/27 02:44:51.8700	10.5233	-43.2596	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2010/11/04 12:29:32.3100	12.7671	-44.9096	17	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2010/11/04 12:29:30.9700	12.9521	-44.9996	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2010/07/31 11:36:53.3100	-1.0121	-16.0602	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2009/01/02 20:14:30.7200	0.7045	-27.0772	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2009/01/02 20:14:29.4900	0.7475	-26.9807	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2008/12/08 01:51:00.4000	13.415	-44.795	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2008/12/08 01:51:00.0000	13.61	-44.791	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2007/08/16 14:18:27.0600	-3.4974	-12.1359	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2007/08/16 14:18:24.6000	-3.522	-12.153	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2007/08/16 14:18:24.8800	-3.4566	-12.1013	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2007/08/12 08:01:25.4000	-5.6	-11.5	10	Ms	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2006/11/05 10:05:28.8000	-1	-23.6	10	Ms	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2006/09/30 12:47:22.8500	7.283	-34.658	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2006/09/30 12:47:21.3100	7.3405	-34.6304	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2006/04/10 06:26:13.8200	7.5202	-36.9282	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2006/03/04 00:53:31.7800	1.133	-27.879	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/03/04 00:53:31.9300	1.0904	-27.8687	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2006/02/17 13:24:01.7000	-2.059	-15.31	33	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2004/09/24 10:34:52.3000	0.738	-26.014	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2004/07/06 15:02:55.7000	-11.012	-14.215	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2004/06/02 20:47:57.0000	4.798	-32.654	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2004/05/27 15:11:35.9400	-14.1223	-14.4098	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2004/03/12 20:30:46.9000	5.6	-33	10	Ms	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2004/03/03 20:24:44.7400	-0.733	-16.131	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2003/03/07 12:23:10.1000	0.863	-26.969	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2003/02/13 04:45:22.2000	2.833	-31.32	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2002/09/08 23:03:46.0000	-1.096	-14.654	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2002/06/25 20:15:58.0200	-4.99	-12.339	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2002/06/25 19:55:59.1100	-4.802	-12.279	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2002/03/14 21:03:20.2100	3.466	-31.461	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2002/03/14 21:03:19.2600	3.313	-31.447	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2001/07/12 06:12:17.1000	-7.281	-13.475	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2001/01/24 05:34:32.2900	-0.456	-19.8482	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/12/15 14:08:19.6000	-5.1	-12.1	0	Ms	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/10/30 01:03:34.0000	1.6666	-25.376	33	Ms	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/09/10 21:37:44.3000	-1.29	-14.4	0	Ms	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/06/16 17:59:03.1700	-8.024	-13.426	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/05/22 04:24:39.9000	0.3768	-25.8411	33	Ms	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/05/22 04:24:38.1100	0.7238	-25.976	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/04/29 15:17:14.3000	-1.523	-14.45	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/04/29 15:17:10.4000	-1.268	-15.949	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1999/12/17 04:03:27.9000	8.061	-38.054	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1997/07/22 19:10:37.7000	4.649	-32.675	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1996/08/30 11:41:55.5500	0.9839	-29.0296	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1996/08/25 12:52:00.7400	0.9471	-25.7296	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1995/12/14 05:13:48.9300	-6.7222	-12.7935	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1993/05/07 15:02:26.3000	-11.65	-12.92	3	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1992/03/29 17:40:10.8100	3.4316	-31.5569	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1992/03/29 17:39:07.3000	2.69	-46.66	3	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1992/01/30 04:46:08.3500	-1.7316	-12.8496	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1991/04/16 02:11:31.6800	0.3834	-25.755	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1989/08/08 20:18:03.8000	-11.08	-14.19	33	Ms	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1989/06/17 20:47:17.1000	-0.66	-24.25	3	Ms	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1989/03/31 07:02:39.3000	-1.592	-12.59	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1989/03/08 18:39:42.3000	3.0928	-31.4061	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1988/10/18 02:26:01.7000	7.324	-35.892	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1988/02/22 01:58:49.5600	-1.0348	-13.9698	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1987/09/13 02:18:12.2300	-1.1351	-13.2047	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1987/06/09 18:39:17.1600	12.7543	-44.5293	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1986/03/23 13:15:40.0600	0.8697	-26.2078	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1986/03/23 13:15:39.8000	0.844	-26.22	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1985/09/25 07:06:45.7000	12.443	-44.333	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1985/02/27 22:57:41.5300	-1.2324	-14.5112	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1984/01/25 00:26:56.4000	8.822	-39.402	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1983/09/09 08:22:47.1200	0.74	-28.4823	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1983/09/08 20:36:12.8900	0.2196	-17.0381	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1982/12/04 12:54:04.6700	8.7646	-39.5613	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1982/12/04 12:54:03.9000	8.73	-39.493	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1982/10/01 05:35:47.8000	-1.34	-15.89	3	Ms	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1982/10/01 05:35:47.3000	-1.635	-15.609	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1982/05/26 20:04:04.8000	-0.322	-19.332	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1982/04/10 09:47:04.4000	7.135	-35.752	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1981/11/02 16:52:53.9300	0.9316	-27.0899	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1981/06/18 14:37:27.9000	1.641	-30.698	10	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1981/03/08 08:43:50.3000	0.72	-24.38	3	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1980/10/27 08:46:39.3500	-0.1428	-24.8548	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1980/07/03 14:40:10.7400	7.3454	-34.2607	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1979/02/11 09:06:43.5900	10.1895	-40.8597	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1978/06/02 12:44:49.6100	-4.3773	-12.3846	0	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1974/11/02 01:03:36.7000	10.344	-40.919	33	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1974/06/27 22:51:09.2000	1.688	-30.841	33	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1974/06/04 15:14:03.4000	10.837	-42.551	33	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1973/04/02 19:25:00.4000	7.25	-34.396	33	MS	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2011/06/16 22:17:25.9000	7.2	-35.9	10	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2011/03/01 03:46:28.2000	-5.6	-11.4	10	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2010/07/31 11:36:56.3200	-0.9834	-15.9438	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2010/07/31 11:36:54.8200	-0.8544	-16.0092	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2009/07/02 03:20:47.5000	-11.553	-14.207	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2008/10/03 05:26:19.8500	7.4867	-36.7717	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2008/08/19 08:33:59.5000	-7.97	-13.01	33	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2008/03/09 17:17:23.5000	0.7	-29.9	10	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2007/11/27 10:13:48.1100	-1.299	-13.2297	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2007/11/17 08:42:17.4000	-0.87	-13.54	12	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2007/09/26 18:39:32.8000	-7	-11.8	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2007/08/21 16:36:45.3000	8	-39	10	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2007/08/20 12:37:08.4000	-0.52	-17.36	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2007/08/20 12:37:07.7000	-0.191	-18.196	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2007/08/20 12:37:04.9000	-0.235	-18.107	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2006/06/25 13:57:45.5000	4.7	-33	10	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2006/04/10 06:26:11.4000	7.546	-36.964	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2006/02/17 13:24:01.3200	-1.6258	-15.1121	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2004/09/28 13:43:26.1000	-13.2	-15.1	10	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/05/27 15:11:36.8000	-14.057	-14.513	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2004/04/24 08:03:06.1000	0.8	-27.1	10	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2003/07/15 17:50:00.1000	3	-31.3	10	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2003/03/07 12:23:10.2700	0.855	-26.9	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2003/03/07 12:23:10.5100	0.8214	-26.9369	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2003/02/13 05:59:10.4000	-6.7523	-11.8867	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2003/02/13 04:45:21.4900	2.66	-31.302	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2003/02/13 04:45:21.7400	2.7079	-31.2989	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2002/09/08 23:03:45.4700	-1.21	-14.64	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2002/08/03 14:18:13.9600	-1.462	-14.463	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2002/03/07 07:10:13.5000	-1.319	-24.481	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2001/07/12 06:12:16.8900	-7.426	-13.372	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2000/09/23 02:13:34.3000	5.26	-33.9	0	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2000/09/23 02:13:33.0100	4.43	-32.628	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2000/09/23 02:13:32.0000	4.224	-32.548	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2000/05/22 04:24:38.5300	0.744	-25.858	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1998/08/17 08:02:08.8000	-3.18	-12.16	23	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1996/10/06 15:32:36.2000	13.05	-43.43	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1995/07/25 15:13:27.2000	10.73	-41.22	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1994/01/20 23:04:39.6500	-3.7798	-12.0246	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1992/03/12 16:34:47.5600	-7.7635	-13.6955	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1991/10/26 05:27:40.0000	4.1	-36	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1990/06/07 23:40:24.8000	-1.3274	-24.3458	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1990/03/16 06:36:57.0000	5.79	-32.86	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1989/11/21 20:35:48.0000	-5.3	-22.3	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1989/11/15 04:00:40.9000	-0.24	-19.95	3	Ms	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1989/10/18 13:06:47.4000	14.71	-44.97	3	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1989/09/02 22:00:27.2200	0.1423	-24.8328	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1989/09/02 18:09:58.7100	0.0708	-24.8611	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1988/08/27 16:52:24.6300	-0.9319	-20.923	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1988/02/22 01:58:49.1000	-1.095	-13.916	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1987/08/06 23:11:52.0000	3.8	-25.1	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1987/06/30 10:59:38.4000	-1.0832	-13.0807	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1987/06/09 18:39:16.9000	12.752	-44.537	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1987/02/01 06:56:00.0700	-0.067	-17.81	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1986/01/30 20:42:18.0000	0.932	-28.023	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1985/06/03 20:11:57.0700	-7.7712	-13.5246	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1985/02/11 07:39:32.5000	4.544	-32.56	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1984/08/31 20:56:19.1000	7.1047	-33.8656	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1984/08/31 20:56:18.8000	7.084	-33.859	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1983/09/29 06:34:15.3000	-12.723	-14.715	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1982/09/05 11:28:53.1000	-12.523	-14.751	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1982/08/30 11:20:22.4000	-0.033	-17.697	10	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1978/02/24 07:02:41.1600	-4.6017	-12.353	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1974/10/23 11:46:56.0000	-1.009	-15.968	33	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1973/09/09 08:32:35.0000	-4.3	-10	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1973/05/13 01:32:39.0000	-0.3	-13.3	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1971/03/22 10:19:07.0000	0.4	-17.6	0	MS	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2011/07/08 05:53:03.2000	0.9058	-26.4413	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2011/07/08 05:53:01.6900	0.9838	-26.4324	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2010/08/02 03:30:08.1000	6.9	-34.6	16	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2010/02/27 19:54:28.0600	10.8756	-43.4399	16	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2010/02/02 06:45:03.1000	-0.3	-16.2	10	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2009/09/21 23:18:30.1000	3.7	-31.5	10	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2008/12/07 06:48:56.9000	13.4	-44.8	10	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2008/12/07 06:23:10.5100	13.3753	-44.8806	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2008/12/07 06:23:08.7000	13.468	-44.868	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2008/10/03 05:30:24.2700	7.5006	-36.8754	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2008/10/03 05:30:22.4700	7.5356	-36.8829	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2008/09/16 07:28:25.0800	0.862	-28.9611	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2008/08/11 23:38:38.3100	-1.02	-21.843	13	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2007/08/20 12:37:04.1300	-0.2672	-18.0911	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2006/07/10 07:21:36.1000	-11.498	-13.494	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2006/07/10 07:21:35.5000	-13.07	-11.34	33	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2006/03/09 17:46:52.8300	1.1506	-28.1389	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2005/04/12 13:55:52.7000	-10.5	-13.1	10	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2004/10/25 20:59:50.4000	0.9	-29	10	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2003/07/15 14:02:24.9000	3	-31.3	10	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2002/06/25 21:47:23.7200	-4.928	-12.384	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2001/03/07 18:11:12.0000	-6.384	-8.382	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2001/01/24 05:34:36.1000	0.34	-21.2	0	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2001/01/24 05:34:33.1700	-0.505	-19.887	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2001/01/24 05:34:32.4700	-0.596	-19.863	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2000/10/27 09:10:06.5400	-1.711	-24.708	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1998/07/09 16:23:42.3000	-1.2963	-15.958	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1997/11/14 10:18:23.8000	0.7492	-27.0999	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1997/11/14 10:18:20.2100	0.8129	-27.0075	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1996/10/06 15:32:31.2700	13.2382	-44.9696	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1996/09/17 23:09:26.0000	0.83	-25.8	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1996/02/19 02:28:31.8500	-1.1968	-14.2161	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1995/12/14 02:09:15.8800	-6.9457	-12.6484	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1995/11/26 17:31:03.0900	-11.379	-13.5404	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1995/02/02 12:53:54.0000	10.83	-42.69	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1993/08/15 03:10:24.0000	1	-26.1	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1991/06/15 20:23:23.4000	0.69	-24.82	3	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1990/08/12 00:35:03.3300	0.9656	-28.797	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1990/07/14 07:24:37.0000	-0.5	-18.1	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1989/12/30 20:16:02.2200	0.9845	-30.1452	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1988/02/22 01:58:52.7000	-0.37	-13.75	3	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1987/08/06 23:11:24.5100	0.9502	-28.5645	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1987/06/07 14:48:49.9000	-0.378	-19.076	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1987/02/01 06:56:08.4000	0.41	-17.75	43	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1987/02/01 06:56:01.3000	-0.114	-17.789	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1985/12/13 23:16:31.3000	0.783	-28.115	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1985/12/13 23:16:30.9400	0.6829	-28.0194	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1984/12/05 13:39:23.6600	-1.1209	-13.9287	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1984/07/19 05:22:15.7000	-7.024	-12.8	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1983/10/13 13:06:38.2000	-0.854	-21.816	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1983/01/13 01:01:10.8000	0.616	-25.716	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1982/11/14 17:29:24.6800	0.9919	-29.0721	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1982/07/23 02:53:14.0000	-1.7	-26.5	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1982/05/24 01:46:23.0000	-6.887	-12.44	10	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1981/10/16 15:43:23.0000	0.04	-17.03	33	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1981/03/23 13:19:26.2000	13.68	-44.96	3	Ms	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1980/08/13 20:46:24.8000	9.51	-39.7	3	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1980/08/13 20:46:21.0800	8.8674	-39.8255	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1980/07/03 14:40:11.0000	8.09	-34.63	3	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1979/06/28 04:14:44.9200	0.4042	-24.9594	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1979/02/11 08:01:05.5000	12.26	-40.73	3	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1978/06/22 08:33:14.5000	2.66	-27.92	33	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1978/03/19 18:43:50.5000	0.25	-13.79	33	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1978/03/19 18:43:41.6000	-1.4747	-15.5729	36	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1978/02/24 07:02:39.1000	-4.4	-12.34	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1971/07/09 22:22:24.0000	0.5	-17	0	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1970/06/26 15:53:11.0000	2.5	-18	33	MS	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2010/10/28 21:41:11.0000	-0.15	-20.69	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2010/10/22 02:08:41.7000	8.7	-40.4	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2010/03/10 08:07:22.9000	6.79	-33.66	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2010/02/27 19:54:29.7700	10.8044	-43.4003	16	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2010/02/27 19:54:27.2000	10.894	-43.429	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2009/07/18 17:06:35.8000	0.89	-29.45	14	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2009/07/02 03:20:48.4000	-11.43	-14.38	9	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2009/06/24 11:12:21.6000	0.2	-16.9	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2009/03/24 12:34:53.9000	14.5	-45.1	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2009/03/22 08:02:24.3000	-12.8	-14.5	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2008/08/19 08:33:55.3000	-8.242	-13.47	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2008/07/27 21:15:42.1800	-0.2489	-18.2954	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2008/07/27 21:15:39.7000	-0.184	-18.227	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2008/07/27 21:15:38.0700	-0.2086	-18.2358	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/09/26 18:39:34.8500	-6.994	-11.6395	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2007/08/08 01:01:39.7000	0.8	-29.2	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2006/11/13 08:53:56.6000	-12.25	-14.71	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2006/04/28 07:22:42.0000	3.9	-31.5	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2006/03/27 01:10:32.1000	7.1	-34.2	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2006/03/09 17:55:53.3000	0.6	-26.1	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2005/07/21 19:17:49.5000	-8.1	-13.5	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2002/07/31 09:12:44.7000	7.5	-36.3	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2002/06/12 19:52:47.3000	-0.7	-20.7	10	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2000/09/23 02:17:43.7900	4.3353	-32.5727	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1999/12/17 04:03:29.5200	8.053	-38.054	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1997/11/10 12:47:34.2100	0.079	-16.8716	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1997/11/10 12:47:33.9000	0.063	-16.868	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1997/09/01 12:36:29.8100	-1.5515	-15.6009	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1996/11/28 21:25:58.9000	-1.27	-24.19	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1996/08/18 07:16:10.8000	0.56	-30.02	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1995/06/26 21:26:49.4300	7.0924	-34.3066	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1993/08/15 03:10:20.2000	0.94	-25.82	3	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1989/12/18 07:13:00.8000	1.02	-28.82	3	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1989/07/14 15:43:18.1000	-1.472	-15.546	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1989/07/14 15:43:18.2000	-1.4698	-15.5372	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1988/05/18 05:39:58.6000	13.94	-44.7	41	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1987/06/07 14:48:47.2000	-0.39	-19.35	3	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1987/05/05 10:50:57.3000	0.24	-18.33	3	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1987/05/05 10:50:55.0000	-0.7	-18.1	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1985/11/10 12:39:57.0000	4.5	-31.4	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1985/09/22 18:23:11.6000	12.68	-44.28	3	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1984/12/05 13:39:23.7000	-1.18	-13.85	3	Ms	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1984/10/21 03:51:47.7100	-6.9718	-12.5503	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1983/03/04 19:06:13.1000	-14.206	-14.339	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1983/03/04 19:06:13.2700	-14.2361	-14.3244	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1983/01/13 01:01:13.1000	0.2752	-25.7541	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1981/04/22 23:16:54.5100	7.4949	-36.2933	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1981/03/08 08:43:45.4000	-0.159	-24.82	10	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1980/11/01 10:48:03.8900	0.4353	-25.5908	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1980/10/27 08:46:46.6000	0.81	-24.21	3	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1980/07/26 12:53:41.0000	7.28	-33.83	3	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1979/01/28 19:45:19.5000	12.13	-43.68	3	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1974/03/23 21:40:34.8000	0.345	-24.667	33	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1973/11/15 06:05:55.0000	-1.4	-16	0	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1973/02/08 19:05:21.9000	-10.377	-13.014	33	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1971/09/14 19:53:14.3000	0.815	-28.976	33	MS	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2011/08/10 23:45:41.7000	-6.95	-12.546	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/02/12 02:53:13.5000	0.161	-17.002	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	2009/11/20 19:31:23.3000	-0.59	-18.85	10	Ms	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	2008/09/05 19:07:38.9000	-1.149	-13.88	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	2007/08/16 14:18:21.2000	-4.07	-11.67	7	Ms	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	2006/06/05 06:27:07.9600	1.175	-28.065	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	2004/07/06 15:31:52.4000	-11.7	-13.5	10	Ms	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	2003/09/21 23:15:12.1100	-1.007	-14.059	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	2001/03/07 18:11:00.7000	-6.411	-13.188	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1999/12/17 04:03:28.1800	8.084	-38.031	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1999/12/17 04:00:25.7000	7.978	-37.957	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1998/04/12 04:09:29.2000	4.8	-47.7	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1996/08/27 14:36:39.1000	-6.9	-12.7	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1996/02/03 23:24:08.3000	8.03	-38.17	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1995/07/25 15:13:31.6000	10.72	-41.24	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1995/02/02 12:53:53.4100	10.7621	-42.5715	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1993/08/15 03:10:21.3100	0.6987	-25.9398	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1993/01/07 07:42:23.2000	-0.08	-16.88	3	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1992/09/21 10:18:49.4400	-7.8022	-13.6055	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1989/12/18 07:13:01.3400	0.9763	-28.9769	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1989/09/02 18:09:58.6000	0.08	-24.866	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1989/07/09 09:46:40.3000	-1.66	-15.6	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1989/07/09 09:46:39.8000	-1.28	-15.39	3	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1989/02/04 15:51:52.7000	0.44	-16.54	3	Ms	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1989/02/04 15:51:52.4800	0.0991	-16.6551	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1988/12/23 21:49:09.1000	1.1	-29.57	9	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1988/04/20 04:25:36.7200	0.9695	-30.2721	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1985/12/24 04:13:20.8000	7.063	-34.824	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1985/11/10 12:39:50.9000	4.203	-32.477	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1985/09/22 18:22:58.0000	10.2	-45.5	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1984/12/08 12:24:41.4000	-1.068	-23.454	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1982/01/05 13:44:49.1000	-0.27	-21.39	14	Ms	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1981/12/06 14:54:30.0500	8.0829	-38.434	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1981/03/23 13:19:25.2000	13.396	-44.945	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1981/02/16 04:58:12.1000	-11.426	-12.98	10	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1972/04/08 04:55:01.0000	8.1	-38.5	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1971/10/15 21:58:31.0000	7.3	-37.9	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1971/09/14 19:53:12.0000	1.2	-28.8	0	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1970/10/21 15:50:06.0000	7.8	-37.7	33	MS	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	2011/08/10 23:45:43.0800	-7.1029	-12.8059	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2011/05/15 13:08:14.3000	0.6561	-25.9443	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2010/11/27 02:44:51.8000	10.2	-43.2	10	Ms	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2008/09/05 19:07:43.7000	-0.651	-13.453	33	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2006/06/05 06:27:07.3000	0.627	-27.66	33	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/06/05 06:27:05.5000	1.124	-28.032	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2006/03/09 17:55:58.2000	1.635	-26.119	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2004/09/24 10:34:53.5000	0.5	-26.4	10	Ms	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2004/03/08 23:39:12.0300	10.9168	-43.9316	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2003/09/21 23:15:11.5000	-1.087	-13.987	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2003/03/07 12:23:10.2000	0.9	-26.9	10	Ms	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2002/09/08 23:03:45.2000	-1.2	-14.6	10	Ms	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2000/06/29 01:59:59.7900	7.539	-36.096	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1998/12/13 17:31:58.8000	13.34	-44.61	13	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1998/10/01 03:41:13.3400	13.7502	-45.56	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1995/04/03 12:50:50.4000	2.24	-26.86	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1993/11/25 20:24:12.0000	0.8	-14.4	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1993/11/25 20:24:01.0100	-0.9085	-13.312	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1993/01/07 07:42:34.0000	1.2	-17.3	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1991/08/12 13:02:30.3900	-14.1438	-14.2853	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1991/08/12 13:02:29.5000	-14.06	-14.26	3	Ms	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1991/06/30 03:08:14.5200	-14.316	-13.6189	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1990/04/17 11:34:09.0000	7.368	-35.286	10	Ms	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1988/05/21 15:15:43.4900	0.7799	-30.3469	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1988/05/18 05:39:51.3000	13.49	-44.857	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1988/03/23 15:50:35.1000	13.74	-42.72	3	Ms	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1987/07/28 01:44:10.2900	0.6739	-25.9917	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1985/11/10 12:39:51.0200	4.1914	-32.4736	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1985/09/22 18:23:12.9400	12.5182	-44.3055	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1983/10/13 13:06:39.8000	-0.49	-21.4	3	Ms	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1981/12/06 14:54:29.5000	8.001	-38.411	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1981/10/16 15:43:20.2000	-0.2	-16.512	10	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1979/02/22 18:30:59.6400	-0.0367	-17.6303	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1977/06/14 21:39:31.0000	-13.9	-14.4	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1975/12/15 13:38:04.0000	1	-25.7	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1974/02/27 04:28:28.0000	-11.8	-14.3	0	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1972/02/13 21:23:22.4000	0.966	-28.405	33	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1971/09/30 21:24:11.0000	-0.463	-4.841	33	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1971/03/20 07:45:17.0000	-0.6	-12.9	55	MS	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2011/07/27 23:00:30.3200	10.7646	-43.4605	0	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2011/07/27 23:00:28.1000	10.8176	-43.4578	0	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2010/01/27 17:42:43.8600	-14.0195	-14.4956	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2010/01/27 17:42:43.8000	-13.932	-14.575	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2009/12/09 16:00:43.2300	-0.7227	-21.1384	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2007/07/31 22:55:29.2000	-0.126	-17.713	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2006/07/10 07:21:35.8000	-11.6	-13.4	10	Ms	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2006/06/05 06:27:07.4000	1.1	-28	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2006/03/09 17:55:54.1200	0.7605	-26.0764	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/03/07 18:10:58.1000	-6.43	-14.7	0	Ms	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1999/12/17 04:03:27.8000	8.1	-38	10	Ms	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1998/03/29 07:15:00.2000	-0.0504	-17.9662	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1998/03/29 07:14:58.4000	-0.361	-17.867	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1996/10/06 15:32:32.9000	13.2	-45	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1993/11/25 20:24:00.3000	-0.66	-13.26	3	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1990/07/14 07:24:40.1500	-0.0065	-17.546	0	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1988/05/21 15:15:43.5000	0.788	-30.317	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1988/03/23 15:50:18.2000	10.85	-43.556	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1982/08/12 08:41:53.0000	-1.1689	-24.6205	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1982/08/12 08:41:49.3000	-1.568	-24.291	10	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1977/02/24 08:51:18.0000	-11.7	-12.9	0	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1976/05/14 06:25:35.0000	11.6	-43.2	0	MS	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2010/01/27 17:42:52.7000	-13.62	-12.97	33	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	2008/09/05 19:07:36.7000	-1.7	-13.49	10	Ms	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	2007/07/31 22:55:30.8000	-0.095	-17.8	10	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	2007/07/31 22:55:27.9800	-0.1482	-17.7189	0	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	2006/06/05 06:18:44.5000	1.1	-28.2	10	Ms	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	2005/12/23 18:03:58.9000	8.1	-38	10	Ms	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1995/07/25 15:13:27.9000	10.7	-41.22	30	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1993/11/19 09:05:40.0000	7.1	-34.6	0	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1992/09/21 10:18:49.2000	-7.29	-13.65	5	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1992/04/02 21:03:05.8000	7.2	-34	10	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1991/08/12 13:02:31.5000	-14.04	-14.47	13	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1989/12/18 07:13:06.1000	2.59	-28.19	5	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1989/02/04 15:51:52.6000	0.29	-16.7	6	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1988/05/18 05:39:52.4000	14.06	-45.08	10	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1988/04/20 04:25:36.8000	1.09	-30.32	10	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1988/03/23 15:50:18.9500	10.7712	-43.4894	10	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1986/06/24 06:56:54.4000	0.33	-17.42	3	Ms	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1985/01/10 17:47:57.0000	11.04	-43.29	3	Ms	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1984/12/07 10:19:14.9000	-0.56	-16.88	49	Ms	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1984/04/22 06:14:22.0200	-0.5052	-19.8472	10	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1975/09/24 11:02:54.0000	-11.9	-15.3	0	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1970/12/25 12:53:37.4000	-0.3	-19.2	33	MS	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	2008/12/07 06:23:10.2000	13.4	-44.9	10	Ms	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1999/12/17 04:00:25.5000	8	-38	10	Ms	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1998/04/10 16:40:40.5000	-1.6586	-15.2299	0	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1997/07/22 19:10:35.4000	4.61	-32.69	17	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1994/05/17 20:00:40.7000	0.46	-16.97	3	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1993/02/18 10:10:49.5200	-0.483	-19.4031	0	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1991/06/30 03:08:14.2000	-14.49	-13.58	10	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1990/04/17 11:34:09.1900	7.3785	-35.2895	10	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1990/04/17 11:34:01.0000	5.7	-35.5	0	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1985/01/10 17:47:56.0000	10.797	-43.446	10	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1985/01/10 17:47:55.7900	10.8012	-43.4564	0	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1978/03/20 18:09:40.5000	1.21	-29.66	33	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1974/05/07 03:04:57.5000	12.728	-44.484	33	MS	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	2010/01/27 17:42:45.1000	-13.77	-14.93	11	Ms	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	2008/08/28 15:22:22.9100	0.0083	-17.3569	10	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	2008/08/28 15:22:19.1700	-0.13	-17.6214	10	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	2008/04/24 12:14:48.5500	-1.112	-23.442	10	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	2007/07/03 08:26:00.9300	0.72	-30.2614	10	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	2007/07/03 08:25:58.8000	0.757	-30.29	10	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	2007/05/04 12:06:51.0200	-1.3273	-15.0009	10	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	2007/05/04 12:06:49.8500	-1.3531	-15.0487	0	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	2000/09/23 02:17:43.9000	4.3	-32.6	10	Ms	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	1996/08/18 07:16:17.0000	0.7	-30	10	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	1996/02/08 22:11:36.0000	0.74	-26.21	0	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	1993/08/15 03:10:23.7000	0.8	-25.9	15	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	1988/05/20 14:58:38.0000	6.8	-38.2	0	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	1988/03/23 15:50:28.0000	10.9	-43.6	10	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	1986/06/24 06:56:54.7200	-0.0859	-17.7903	22	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	1985/10/12 22:20:42.8500	0.8747	-29.9017	0	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	1970/08/11 03:48:52.4000	-1.1	-13.9	33	MS	5.9	1.07895E+25	5.99	93.17	0.1330	142.78
ISC	2008/11/22 18:49:41.5000	-1.038	-15.472	10	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	2008/11/22 18:49:41.6000	-1.04	-14.009	10	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	2007/05/04 12:06:53.1000	-0.873	-15.025	10	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	2007/05/04 12:06:52.5000	-1.523	-14.869	10	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	2004/01/16 18:07:59.0000	8.2	-37.7	0	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	2004/01/16 18:07:55.6000	7.641	-37.704	10	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	2004/01/16 18:07:55.6600	7.641	-37.704	10	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	2004/01/16 18:07:53.9500	7.6649	-37.6593	10	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	2003/09/21 23:15:12.1000	-1	-14.1	10	Ms	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	2001/03/07 18:11:02.6000	-6.8	-12.9	10	Ms	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	1995/02/02 12:53:53.6000	10.76	-42.55	15	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	1994/01/25 07:12:45.0500	10.64	-41.723	0	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	1994/01/25 07:12:41.0000	10.72	-41.68	3	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	1993/09/20 10:17:49.0000	1.2	-29.4	0	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	1990/08/05 17:42:33.0000	-0.65	-13.81	3	Ms	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	1986/06/24 06:56:54.5000	-0.085	-17.824	22	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	1985/10/12 22:20:38.0000	0.917	-29.921	10	MS	6	1.38038E+25	6.06	109.45	0.1582	144.50
ISC	2003/12/21 07:40:46.5000	-0.656	-20.647	10	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	2003/11/09 19:52:37.2400	-0.5894	-19.7373	0	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	2003/11/09 19:52:36.3000	-0.739	-19.555	10	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	2001/11/15 01:03:06.3000	-1.584	-15.585	10	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/10/01 03:41:13.0000	13.7	-45.5	10	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	1998/06/18 04:17:55.6000	-11.4768	-14.0731	10	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	1998/03/29 07:15:02.8000	-0.78	-17.22	21	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	1993/11/19 09:05:40.4000	7.46	-34.79	7	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	1993/02/18 10:10:57.9000	-0.96	-18.2	5	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	1990/04/17 11:34:14.4000	8.73	-35.48	5	MS	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	2005/01/12 08:39:57.6000	-1	-20.8	0	MS	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	2003/12/21 07:40:43.5000	0	-21.39	7	Ms	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	2003/11/09 19:52:36.6000	-0.753	-19.654	0	MS	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	1998/04/10 16:40:39.0000	-1.31	-15.61	12	MS	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	1990/08/05 17:42:32.3600	-1.0617	-13.9009	10	MS	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	1990/07/14 05:54:25.4000	0.003	-17.376	0	Ms	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	1988/05/20 14:58:43.4000	8	-38.4	15	MS	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	1985/10/12 22:20:50.0000	2	-28.6	0	MS	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	1970/11/29 06:01:24.0000	-10.2	-15	33	MS	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	1970/08/11 03:48:48.0000	-1	-14	33	MS	6.2	2.25944E+25	6.20	151.04	0.2234	147.94
ISC	2008/11/22 18:49:43.5000	-0.25	-14.16	10	Ms	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	2007/08/20 22:42:29.9000	7.44	-38.85	33	MS	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	2001/11/15 01:03:06.0000	-1.6	-15.6	10	Ms	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1998/06/18 04:17:57.9000	-11.6	-13.9	10	MS	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1996/11/28 21:26:03.8000	-1.2	-24.2	10	MS	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1995/05/18 00:06:27.6800	-0.8448	-22.0128	0	MS	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1990/08/05 17:42:35.0000	-0.9	-13.9	0	MS	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1990/08/05 17:42:33.0000	-0.96	-13.98	15	MS	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1982/01/03 14:09:50.5000	-0.972	-21.87	10	Ms	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	2008/09/10 13:08:14.9000	8.1129	-38.6966	0	Ms	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	2008/05/23 19:35:35.5000	7.3593	-34.891	10	MS	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	2007/08/20 22:42:28.0200	8.1332	-39.2186	10	MS	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	2007/08/20 22:42:28.4000	8.1252	-39.2485	0	MS	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	1996/02/16 09:44:58.5800	-1.4733	-15.3018	0	MS	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	1995/05/18 00:06:27.0000	-0.88	-21.99	10	MS	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	1994/01/25 07:12:48.2000	11.12	-41.74	27	MS	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	1990/07/14 05:54:24.5000	0.15	-17.37	3	Ms	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	1985/06/06 02:40:17.0000	1.8	-28.22	3	Ms	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	1982/01/03 14:09:30.0000	-4.7	-19.8	0	MS	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	1981/07/07 21:10:59.6500	-0.0365	-18.7326	10	MS	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	1981/07/07 21:10:57.7000	-0.166	-18.837	10	MS	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	2008/09/10 13:08:14.1000	8.554	-39.557	10	MS	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2008/09/10 13:08:14.0600	8.1265	-38.6802	0	MS	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2008/09/10 13:08:11.4000	7.572	-38.268	33	MS	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2007/08/20 22:42:27.4000	8.068	-39.2549	0	Ms	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2005/01/12 08:40:02.5000	-0.98	-20.8	10	MS	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	1996/02/18 23:49:28.2600	-1.2386	-14.2928	10	MS	6.5	6.30957E+25	6.50	295.52	0.4584	155.10

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1996/02/18 23:49:27.9000	-1.25	-14.32	10	MS	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	1994/03/14 04:30:20.0000	1.1	-26	0	MS	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	1993/09/20 10:17:47.5000	2.26	-29.61	5	MS	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	1985/06/06 02:40:12.9000	0.932	-28.432	10	Ms	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	1982/01/03 14:09:55.5000	-0.16	-21.08	3	Ms	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	1982/01/03 14:09:50.9900	-0.9158	-21.8377	10	MS	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2007/08/20 22:42:29.2000	8.016	-39.267	10	MS	6.6	8.91251E+25	6.60	370.36	0.5834	157.52
ISC	1985/06/06 02:40:07.0000	0	-29.4	0	MS	6.6	8.91251E+25	6.60	370.36	0.5834	157.52
ISC	1981/07/07 21:11:07.6000	1.2	-17.51	3	Ms	6.6	8.91251E+25	6.60	370.36	0.5834	157.52
ISC	1996/06/02 02:52:10.6000	11.03	-42.31	10	MS	6.7	1.25893E+26	6.70	464.16	0.7423	159.93
ISC	1990/07/14 05:54:25.3000	0.05	-17.4	10	MS	6.7	1.25893E+26	6.70	464.16	0.7423	159.93
ISC	2003/09/21 23:15:12.9000	-1.698	-13.624	15	MS	6.8	1.77828E+26	6.80	581.71	0.9443	162.34
ISC	1973/08/28 15:01:59.1000	-0.189	-18.027	33	MS	6.8	1.77828E+26	6.80	581.71	0.9443	162.34
ISC	2008/02/08 09:38:14.1000	10.671	-41.899	9	MS	6.9	2.51189E+26	6.90	729.03	1.2011	164.75
ISC	1996/06/02 02:52:09.6200	10.7942	-42.2725	10	MS	6.9	2.51189E+26	6.90	729.03	1.2011	164.75
ISC	1995/05/18 00:06:27.3000	-0.99	-22	17	MS	6.9	2.51189E+26	6.90	729.03	1.2011	164.75
ISC	1984/11/01 04:48:50.5100	8.1644	-38.773	10	MS	7	3.54813E+26	7.00	913.66	1.5273	167.16
ISC	1971/08/05 01:58:42.0000	-0.5	-25.5	0	MS	7	3.54813E+26	7.00	913.66	1.5273	167.16
ISC	1973/08/28 15:01:54.0000	-0.1	-18.2	0	MS	7.1	5.01187E+26	7.10	1145.05	1.9417	169.57
ISC	1994/03/14 04:30:19.7000	-1.4	-24.1	10	MS	7.3	1E+27	7.30	1798.46	3.1364	174.39
ISC	1992/08/28 18:18:46.1000	-0.66	-13.51	8	Ms	7.3	1E+27	7.30	1798.46	3.1364	174.39
ISC	1996/06/02 02:52:10.5000	10.82	-42.29	19	MS	7.4	1.41254E+27	7.40	2253.93	3.9850	176.80
ISC	1992/08/28 18:18:22.0000	-4.8	-14.9	0	MS	7.4	1.41254E+27	7.40	2253.93	3.9850	176.80
ISC	1984/11/01 04:48:50.2000	8.185	-38.794	10	Ms	7.4	1.41254E+27	7.40	2253.93	3.9850	176.80
ISC	2003/11/09 19:52:40.4000	-0.891	-19.532	15	MS	7.5	1.99526E+27	7.50	2824.75	5.0624	179.21
ISC	2011/06/09 07:05:36.0800	-3.0063	-13.1095	0	Ms1	2.9	6.65273E+21	3.85	0.74	0.0007	91.18
ISC	2009/03/07 12:06:01.5000	-0.4253	-20.0418	0	Ms1	2.9	6.65273E+21	3.85	0.74	0.0007	91.18
ISC	2009/02/08 02:23:51.1800	0.0623	-18.519	0	Ms1	2.9	6.65273E+21	3.85	0.74	0.0007	91.18
ISC	2007/11/22 03:28:34.8400	-0.4533	-12.7228	0	Ms1	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	2011/03/01 07:56:48.5400	-5.5794	-11.2681	0	Ms1	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2007/11/28 17:33:51.5000	-5.6335	-11.1736	0	Ms1	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2007/04/20 21:30:42.4300	-5.7816	-11.4275	0	Ms1	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2004/11/11 01:37:32.4100	-0.4033	-20.1156	0	Ms1	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2011/04/15 11:02:06.0700	-12.0228	-15.2946	0	Ms1	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2010/10/05 13:23:27.5400	12.1661	-43.808	0	Ms1	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2007/12/19 21:18:09.4900	0.8021	-27.2841	0	Ms1	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2011/05/13 13:50:26.3400	-0.8638	-9.7816	0	Ms1	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2010/02/16 04:17:01.6400	1.9664	-17.265	0	Ms1	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2009/05/11 04:24:18.3600	-1.4304	-15.0309	0	Ms1	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2007/04/21 01:03:09.1800	10.6654	-41.1998	0	Ms1	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2005/04/02 00:34:32.8500	8.1914	-38.1071	0	Ms1	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2002/03/30 19:07:04.3000	14.2937	-44.9734	0	Ms1	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2011/01/03 05:10:25.2000	-6.3687	-11.5986	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2010/11/18 03:28:21.3500	-7.7098	-13.6338	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/02/09 20:50:11.1700	-10.6492	-12.8996	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2009/06/28 12:05:04.2400	0.5769	-30.6274	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2009/03/24 08:21:29.5700	-0.6978	-15.0709	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2007/08/27 23:55:27.7800	12.6791	-44.309	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/06/27 17:46:53.0100	0.9382	-27.8533	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/05/02 01:13:56.6700	-11.4109	-13	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/04/18 06:36:39.4900	-1.2163	-23.9499	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/01/16 00:43:12.4200	0.3127	-17.9301	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2003/07/06 11:16:15.7500	9.217	-40.5564	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2002/03/03 03:42:20.3000	7.6235	-34.69	0	Ms1	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2011/07/10 09:29:24.9200	-2.7559	-12.2024	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2011/06/20 16:01:05.8500	2.5866	-31.0402	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2010/03/29 08:40:19.3400	-0.9344	-16.0278	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2010/03/09 10:40:15.6900	3.9105	-32.5436	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2009/08/09 05:33:34.7100	-6.319	-12.9719	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2008/07/15 10:53:37.6000	0.7762	-25.8587	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2008/04/25 08:59:31.2200	-1.0217	-13.1484	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/11/17 22:22:03.8300	-1.28	-13.0412	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/09/11 03:23:24.5000	-1.5434	-15.7771	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/05/02 05:01:13.5200	-12.0002	-12.6076	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/01/18 16:19:33.9500	10.559	-42.26	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2005/10/27 19:14:24.8000	-1.0936	-23.9975	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2001/08/19 18:06:48.6500	-1.4487	-14.4629	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2001/06/27 09:53:16.2700	14.6537	-45.1016	0	Ms1	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2011/08/25 21:57:59.7800	0.8238	-27.1969	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/12/22 14:11:28.9500	-1.988	-12.0339	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/12/14 19:11:39.8300	3.8409	-32.6264	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/10/25 07:14:06.7600	-1.4306	-14.7954	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/08/11 20:38:37.9300	12.6088	-44.0688	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/08/02 04:16:58.2800	2.7005	-31.2686	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/07/31 10:17:01.1600	-0.9255	-15.9576	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/06/11 04:50:50.5900	5.6298	-32.7805	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2009/11/30 02:54:46.7600	-2.3534	-11.7467	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2009/04/17 15:46:29.6000	10.879	-43.3749	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2008/05/10 03:56:57.0700	0.4498	-25.0088	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2008/03/25 00:42:48.4700	-1.2748	-14.5105	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/12/05 00:01:15.1400	-0.779	-13.0649	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/08/15 13:01:38.9500	0.6882	-29.3254	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2006/06/26 20:57:22.5600	-3.2693	-12.1813	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/05/27 17:02:20.7900	-5.5085	-11.4403	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/03/12 04:34:44.1000	-0.6656	-19.8164	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/10/16 01:35:52.9300	-0.0482	-17.5821	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/08/02 10:50:36.3800	-2.4667	-12.2868	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/06/07 20:40:14.7700	-6.3091	-11.443	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2003/05/20 10:47:02.5600	-1.675	-20.66	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2002/08/28 19:07:23.6200	10.7555	-40.8808	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2002/05/03 06:42:55.9600	7.1152	-34.252	0	Ms1	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/07/07 20:59:02.6000	8.1018	-38.0534	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/02/27 03:13:20.5000	4.6541	-32.5626	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2010/11/21 06:12:54.8100	0.5187	-30.0857	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/07/31 13:55:11.9400	-7.3342	-12.7747	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/05/30 07:52:08.2200	-0.0836	-16.2423	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/04/25 02:42:59.1000	-1.0292	-13.3617	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/12/25 17:59:19.5700	-6.8608	-12.4608	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/11/14 15:31:48.2900	-1.0617	-12.6054	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/08/23 11:24:55.6200	8.6925	-39.4401	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/08/17 16:26:33.1300	-3.4041	-12.4049	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2006/11/26 08:58:42.6400	7.723	-37.7362	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2004/01/19 12:10:09.1900	7.5823	-36.287	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2003/07/15 04:51:05.0900	3.4246	-31.4111	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2003/07/07 14:18:58.6800	2.0055	-31.0605	0	Ms1	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/05/12 07:04:15.2000	-10.5176	-12.9279	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/02/21 00:10:06.7300	0.9848	-27.1935	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2010/07/31 10:51:45.0600	-0.897	-16.0725	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2009/02/28 21:18:17.0400	3.8854	-32.5718	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2008/09/21 09:13:54.9200	-13.5545	-14.4335	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/11/22 05:51:03.4300	-0.2173	-13.0387	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/09/28 23:05:24.3400	-6.8889	-11.4472	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/11/22 17:12:08.3300	-1.1233	-24.2146	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/10/16 18:26:14.7200	-1.5537	-12.6283	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/05/02 04:18:45.1600	3.7084	-32.035	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/12/09 22:41:45.4700	-1.1151	-15.4493	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/10/12 19:21:49.7200	-1.3591	-17.9231	0	Ms1	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/04/03 17:22:20.8000	-10.2058	-13.8851	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/08/13 15:27:12.0100	-1.444	-14.5962	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2009/05/31 00:47:00.4600	4.5434	-32.6315	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/09/26 20:14:54.4500	-6.9311	-10.43	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/08/21 13:35:35.6600	8.1376	-39.3093	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2005/12/31 04:39:35.3000	2.4941	-30.688	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2005/05/08 10:07:27.8000	-10.9834	-13.5871	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2004/08/18 17:57:23.8900	-1.7324	-12.9711	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2004/02/13 09:31:10.7900	7.2866	-34.8059	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/09/07 20:11:31.9700	0.9245	-27.8033	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/03/02 09:16:12.4400	4.0237	-32.9927	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2001/10/28 08:20:48.2300	-7.259	-13.5261	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2001/07/16 09:07:09.3100	-14.0668	-14.2838	0	Ms1	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2010/12/27 00:48:34.6300	-2.5692	-12.0726	0	Ms1	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2009/03/22 05:52:26.6500	-12.9767	-14.594	0	Ms1	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2008/03/23 21:32:25.7700	-1.1452	-14.4722	0	Ms1	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2005/11/16 13:42:42.2900	1.2404	-28.594	0	Ms1	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2005/05/07 09:02:21.5900	5.8	-33.1155	0	Ms1	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2004/09/24 12:39:24.0900	0.9275	-28.8543	0	Ms1	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2004/06/30 09:15:43.4700	0.8808	-28.9987	0	Ms1	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2004/06/03 08:34:40.2300	-2.0104	-12.7634	0	Ms1	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2003/07/15 04:29:27.2900	3.3435	-31.4363	0	Ms1	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/05/09 12:24:46.8700	-0.1862	-18.282	0	Ms1	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2011/08/04 01:35:03.6700	3.9183	-32.1655	0	Ms1	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/09/21 23:18:29.5500	3.9001	-31.6132	0	Ms1	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2007/02/08 13:00:13.0100	9.2307	-39.4369	0	Ms1	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/05/24 17:58:05.1400	3.8574	-32.0576	0	Ms1	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2004/09/05 21:37:14.1900	-7.7893	-11.5209	0	Ms1	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2001/06/07 09:16:18.9400	0.8021	-27.8191	0	Ms1	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2011/09/29 00:08:02.3100	-12.972	-14.5382	0	Ms1	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2009/07/08 20:03:47.7600	7.4787	-36.3037	0	Ms1	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2007/11/16 05:30:06.0900	-0.8682	-12.4368	0	Ms1	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2007/06/08 22:01:21.1700	9.45	-40.5646	0	Ms1	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2003/07/15 03:12:52.7900	3.4175	-31.5433	0	Ms1	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2003/03/14 22:13:20.5500	-1.2736	-15.9979	0	Ms1	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2003/01/11 07:30:07.2700	-4.8992	-11.7163	0	Ms1	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2011/03/01 02:01:00.4000	-5.6373	-11.5164	0	Ms1	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2010/11/14 11:21:41.3700	-0.1345	-18.1277	0	Ms1	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/12/26 22:34:53.4700	-4.8418	-11.7599	0	Ms1	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/08/16 14:44:03.7500	-3.512	-11.7871	0	Ms1	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2002/03/14 21:15:11.3200	3.4729	-30.9554	0	Ms1	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2004/06/02 20:47:55.2300	4.8345	-32.5113	0	Ms1	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2004/05/11 23:58:52.7800	12.7212	-44.498	0	Ms1	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2002/12/15 05:56:23.7000	10.7961	-43.3331	0	Ms1	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2011/07/09 23:17:57.2600	-7.7863	-13.4562	0	Ms1	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/11/27 10:13:48.2600	-1.2112	-13.2484	0	Ms1	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/03/24 07:33:49.7600	7.1629	-34.0918	0	Ms1	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2002/08/03 14:18:16.8600	-0.9743	-14.3418	0	Ms1	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2002/03/07 07:10:13.9500	-1.1426	-24.4695	0	Ms1	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2011/07/08 05:53:02.0400	1.0074	-26.4451	0	Ms1	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2011/02/12 02:53:13.7600	0.1896	-17.0955	0	Ms1	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2008/12/07 06:23:08.0600	13.3724	-44.895	0	Ms1	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2011/07/27 23:00:28.8700	10.8557	-43.462	0	Ms1	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	2006/03/09 17:55:53.3000	0.8226	-26.2194	0	Ms1	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2008/11/22 18:49:40.7400	-1.1933	-13.9485	0	Ms1	5.9	1.07895E+25	5.99	93.17	0.1330	142.78

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/06/09 02:20:29.5700	-0.315	-15.4358	0	ms1mx	2.3	1.51705E+21	3.42	0.28	0.0002	80.86
ISC	2008/12/03 17:22:07.2700	-5.5892	-11.0102	0	ms1mx	2.5	2.48313E+21	3.56	0.39	0.0003	84.30
ISC	2007/12/29 17:58:43.8300	0.8049	-17.5053	0	ms1mx	2.5	2.48313E+21	3.56	0.39	0.0003	84.30
ISC	2010/08/18 15:24:46.0600	-6.1174	-12.5319	0	ms1mx	2.6	3.17687E+21	3.63	0.46	0.0004	86.02
ISC	2010/04/20 08:02:42.5600	-0.7777	-15.7457	0	ms1mx	2.6	3.17687E+21	3.63	0.46	0.0004	86.02
ISC	2009/09/05 21:41:05.5900	1.0222	-17.5514	0	ms1mx	2.7	4.06443E+21	3.71	0.54	0.0005	87.74
ISC	2007/02/13 15:36:56.8100	1.8934	-30.6611	0	ms1mx	2.7	4.06443E+21	3.71	0.54	0.0005	87.74
ISC	2011/01/22 06:42:33.8700	-2.4855	-11.8151	0	ms1mx	2.8	5.19996E+21	3.78	0.63	0.0006	89.46
ISC	2009/09/26 21:25:08.6200	-1.6766	-12.4815	0	ms1mx	2.8	5.19996E+21	3.78	0.63	0.0006	89.46
ISC	2007/11/28 23:25:18.2700	-1.163	-13.0969	0	ms1mx	2.8	5.19996E+21	3.78	0.63	0.0006	89.46
ISC	2011/03/19 13:56:25.3200	7.02	-34.7416	0	ms1mx	2.9	6.65273E+21	3.85	0.74	0.0007	91.18
ISC	2011/02/23 19:01:29.6800	-0.0449	-16.6837	0	ms1mx	2.9	6.65273E+21	3.85	0.74	0.0007	91.18
ISC	2010/05/18 07:35:03.7000	-3.8723	-11.8709	0	ms1mx	2.9	6.65273E+21	3.85	0.74	0.0007	91.18
ISC	2008/01/08 15:46:47.7200	-0.2044	-12.9589	0	ms1mx	2.9	6.65273E+21	3.85	0.74	0.0007	91.18
ISC	2007/10/22 11:23:58.9400	-0.3382	-16.3624	0	ms1mx	2.9	6.65273E+21	3.85	0.74	0.0007	91.18
ISC	2007/08/13 08:44:37.2600	-0.8778	-24.741	0	ms1mx	2.9	6.65273E+21	3.85	0.74	0.0007	91.18
ISC	2007/02/08 11:29:47.3500	8.9083	-39.7539	0	ms1mx	2.9	6.65273E+21	3.85	0.74	0.0007	91.18
ISC	2011/08/10 07:35:25.5400	8.1423	-39.5459	0	ms1mx	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	2011/06/23 04:31:52.7400	8.7629	-39.4747	0	ms1mx	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	2011/01/03 02:40:01.9700	-11.4797	-13.1597	0	ms1mx	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	2010/09/10 00:52:03.9900	-7.1274	-13.0556	0	ms1mx	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	2010/01/18 13:55:38.2000	-0.1992	-18.79	0	ms1mx	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	2008/01/07 15:01:34.6600	-1.1334	-13.1605	0	ms1mx	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	2006/02/24 16:18:12.0100	10.7943	-41.0717	0	ms1mx	3	8.51138E+21	3.92	0.87	0.0008	92.90
ISC	2011/03/26 01:58:27.2900	8.1923	-37.9309	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2010/05/18 07:20:53.0100	-3.9966	-11.9666	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2010/04/17 02:09:11.2700	7.3819	-34.8247	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2010/02/16 16:48:52.7700	-2.2088	-15.5114	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2010/02/12 03:02:03.1300	0.7439	-27.5108	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2009/08/03 13:33:19.9300	-1.438	-14.7303	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2009/06/30 14:46:33.5700	5.8511	-33.4212	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2009/01/22 07:28:18.9100	12.6085	-43.9561	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2007/12/26 15:23:00.2200	-10.8244	-12.8859	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2007/06/10 06:04:42.1500	9.6552	-40.6488	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2006/08/29 08:05:05.2900	-11.7862	-12.4167	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2006/04/27 08:16:49.2000	-5.0253	-11.4805	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2004/08/16 08:55:17.9200	-0.9467	-23.9293	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2003/07/15 00:52:51.6100	3.6663	-31.6053	0	ms1mx	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	2011/04/09 03:30:01.6500	-12.0302	-13.6245	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2010/12/04 17:39:16.1000	-0.9578	-15.6906	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2010/03/29 10:57:41.2800	0.749	-27.2778	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2009/06/04 10:06:02.3700	6.8471	-36.8255	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2009/03/22 08:18:56.1200	-12.7948	-14.5256	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2009/03/18 11:36:00.6600	-0.8503	-13.29	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2007/10/22 11:44:17.9500	-3.5965	-11.8928	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2007/04/14 08:58:28.4200	8.0754	-38.8804	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2006/10/18 23:32:55.3000	-1.0731	-24.4028	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2006/02/18 09:16:32.9800	-7.3963	-10.6568	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2004/10/29 08:41:43.0500	0.9635	-28.9357	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2004/10/22 20:24:37.3800	0.0462	-17.4186	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2004/07/20 18:23:30.4300	-0.959	-16.6465	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2004/05/23 00:02:37.3700	0.6091	-29.1113	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2003/09/07 10:10:15.3900	-14.2255	-13.1198	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2003/07/08 15:01:18.8300	4.3924	-31.8024	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2002/08/10 15:26:17.7500	-0.8079	-13.5906	0	ms1mx	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	2011/02/24 21:30:29.9900	2.7174	-30.7704	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2011/01/22 03:17:48.2300	-0.47	-19.866	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2010/11/07 14:03:24.9800	-6.2707	-11.4063	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2010/06/11 19:07:37.0900	4.6226	-32.2762	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2009/12/05 20:12:50.5600	1.0506	-27.9974	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2009/11/11 08:21:05.4500	-0.2016	-17.9021	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2009/05/09 17:50:11.0900	14.1471	-44.6069	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2009/05/05 09:56:37.8200	4.454	-32.6049	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2008/11/26 18:01:18.3700	-12.9202	-14.2949	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2008/11/13 02:57:15.4400	5.1731	-31.997	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2008/08/23 03:09:03.0500	0.7248	-25.3483	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2008/03/21 13:21:51.3900	-1.5042	-24.3704	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2007/09/26 22:52:11.5100	-6.151	-11.1971	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2007/05/16 22:57:18.4500	-0.0489	-15.8682	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2006/06/02 21:17:14.9900	0.8329	-29.1008	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2004/08/01 13:43:58.6700	6.5347	-33.8053	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2002/04/10 06:39:10.4200	4.2976	-32.6088	0	ms1mx	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	2011/02/21 02:03:33.2800	-1.2546	-15.9453	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2010/08/02 05:34:43.7200	7.0876	-34.137	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2010/01/02 11:11:41.9800	6.9157	-33.9235	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2009/06/13 04:25:44.3900	-1.5519	-24.5671	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2007/11/25 07:08:32.5000	-7.9404	-13.6259	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2007/11/14 10:50:28.3000	-2.1334	-12.1506	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2007/09/30 01:02:54.3000	-6.9921	-11.2001	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2006/01/04 07:30:07.4200	0.1472	-16.4302	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2004/12/12 11:20:26.9900	-1.7915	-15.5762	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2004/12/07 07:34:44.2400	-0.185	-17.2745	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2004/09/23 03:43:27.3700	13.3063	-43.6891	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2003/11/14 04:15:22.5900	-0.3723	-19.5167	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2002/06/06 06:25:46.2000	-0.7751	-23.1009	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	2001/06/03 11:24:27.6600	-0.0856	-24.8566	0	ms1mx	3.4	2.28034E+22	4.21	1.66	0.0017	99.78

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/03/26 11:15:35.0500	-14.0008	-14.5402	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2011/02/19 01:54:13.8600	10.681	-41.2893	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2010/02/07 03:13:56.6700	-12.0969	-14.4076	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2009/11/19 11:25:22.8300	-1.1696	-16.1373	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2009/07/13 05:47:17.6100	-0.0259	-24.8629	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2007/02/08 12:36:06.9300	8.8247	-39.4722	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2006/04/10 03:34:16.9700	0.8803	-26.7493	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2005/07/29 07:53:13.9800	0.7496	-27.693	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2005/05/16 10:27:37.0500	0.9043	-28.2269	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2004/06/02 16:46:50.2300	4.9425	-32.8072	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2004/05/13 00:26:01.9400	12.6364	-44.3597	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2001/09/09 04:19:18.9200	-14.0333	-14.121	0	ms1mx	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	2009/03/22 05:03:29.7600	-13.2732	-14.2683	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2008/03/10 14:47:02.6400	-2.9196	-11.5845	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/12/13 12:47:30.7300	-0.4916	-24.7535	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/08/16 15:18:22.5100	-3.6973	-11.6795	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/06/09 08:24:05.9800	7.8659	-37.9964	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2007/03/07 00:01:24.3800	-0.3207	-18.5838	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2006/08/29 06:57:34.2200	10.7593	-43.4535	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2005/08/20 01:50:04.2600	-6.4037	-11.1612	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2005/05/15 22:09:08.5500	-0.4519	-12.8349	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2004/07/02 02:16:01.0000	-5.0062	-11.5423	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2004/06/26 08:12:03.1300	-1.8537	-13.0648	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2003/07/18 02:16:10.7400	7.7161	-36.8806	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2003/06/07 12:20:04.9000	5.4856	-31.0175	0	ms1mx	3.6	3.7325E+22	4.35	2.30	0.0024	103.22
ISC	2011/09/12 18:05:24.3200	4.8191	-31.4185	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2011/06/17 12:46:09.3400	-0.1229	-15.9807	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/10/13 02:17:50.7000	4.4532	-32.4963	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/04/20 08:08:17.3900	-0.2439	-18.1649	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2008/12/07 06:48:55.6500	13.3583	-44.8165	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/08/22 09:06:50.1000	8.1218	-39.5017	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/06/10 07:01:32.9100	9.5242	-40.5998	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2007/02/13 00:58:17.7800	-4.5979	-12.3823	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2006/12/03 00:15:03.2800	-0.9799	-13.3649	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/12/07 05:46:43.7100	-14.1227	-13.8039	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2005/04/22 04:30:13.9400	-7.9174	-14.0322	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/05/13 06:17:34.0800	-1.119	-14.2839	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/04/21 07:41:23.6500	4.6509	-32.6197	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2004/03/30 18:19:33.3000	4.3759	-32.6432	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2003/07/13 03:19:50.9400	10.8259	-40.9649	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2003/07/08 14:59:32.6100	3.3888	-31.6145	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2002/06/03 22:43:52.1000	3.0595	-31.2813	0	ms1mx	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	2010/06/03 07:43:39.1500	13.6219	-44.7999	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2009/12/17 22:26:57.7900	6.3699	-33.4741	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/11/25 14:12:10.7900	-11.3023	-13.8109	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2009/04/08 08:22:56.3300	8.1204	-38.0282	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/12/30 14:57:13.5800	14.8723	-45.1096	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/10/26 04:56:10.0400	-5.5684	-11.4105	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/10/17 02:23:28.7800	-5.2425	-11.4649	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/02/13 22:38:41.9500	-0.7961	-13.1451	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2008/02/09 04:37:32.2600	10.7484	-41.7868	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/10/07 23:49:58.8200	-11.6344	-14.0627	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/08/17 16:27:39.3700	-3.4495	-12.2212	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2007/04/01 15:25:56.4600	-3.3931	-11.4465	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2006/07/27 17:36:14.2800	0.8317	-27.1214	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2004/06/30 03:42:58.7000	-0.273	-14.3901	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2004/03/25 15:52:27.9700	8.9152	-40.3671	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2002/07/13 07:05:16.5800	-13.8365	-14.5343	0	ms1mx	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2011/09/21 18:23:18.1700	4.4996	-32.6459	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2011/03/19 03:03:15.8100	-10.2791	-13.062	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2010/09/18 11:17:17.9100	-0.3962	-19.6425	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2007/08/17 06:40:15.5600	-5.9885	-10.6226	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2006/12/02 14:15:50.6400	-12.911	-14.4961	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2005/08/22 14:58:53.8300	-5.639	-11.4529	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2005/04/22 03:55:58.1600	-11.3962	-15.4714	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/08/29 23:30:02.7700	7.0586	-33.7969	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/05/31 06:59:03.6800	8.1189	-39.0646	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2004/03/28 02:24:53.9900	-2.1675	-14.5218	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/07/12 15:59:19.5800	12.1529	-43.8857	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/06/05 13:14:24.2000	-13.5898	-14.7129	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2003/05/31 04:19:18.5100	-1.2264	-15.677	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2002/06/25 23:28:27.9000	-4.3199	-11.4598	0	ms1mx	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2008/08/19 01:26:22.1200	-7.8956	-13.445	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/03/07 19:03:40.9300	8.7471	-39.7479	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/08/19 12:59:38.4500	-2.4914	-12.1939	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/06/28 00:12:50.0800	0.7744	-28.3655	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/03/24 13:38:19.2900	-5.6446	-11.5595	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2007/02/08 14:32:07.2900	8.3941	-39.3512	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2006/02/18 14:55:25.6000	-6.8478	-10.7884	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2006/02/07 16:14:34.0500	5.3954	-32.8334	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2005/09/22 06:42:33.3200	0.5827	-25.7779	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2004/06/07 20:32:16.9300	-6.0223	-11.577	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/11/05 22:20:15.1700	7.1378	-33.7525	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/04/06 08:39:16.4900	0.5528	-25.0989	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/03/31 17:56:21.4900	7.1192	-33.1759	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2002/09/11 11:58:23.2200	3.8477	-32.516	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2002/01/26 08:08:54.0700	7.3575	-34.6388	0	ms1mx	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2008/10/21 21:21:52.1000	-10.4017	-13.1929	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2006/11/17 23:42:39.2300	-12.7333	-14.6767	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2006/11/08 23:15:57.9100	0.7941	-28.2438	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2004/12/20 09:52:41.0700	0.6316	-25.4585	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2004/02/03 19:28:14.3500	7.4672	-36.0511	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2004/01/07 16:47:38.6500	10.8434	-40.9333	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2003/12/31 04:56:44.0400	-7.2714	-13.3126	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2003/07/14 20:51:38.6500	4.2175	-31.8389	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2003/05/26 02:51:39.7600	-1.3713	-13.9353	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2002/05/13 13:20:48.1400	-12.5243	-14.7686	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2002/02/18 06:14:53.9200	-8.4267	-13.5667	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/07/03 23:54:21.8600	-0.011	-16.839	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2001/05/14 18:05:04.2700	-7.3465	-13.4773	0	ms1mx	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2010/12/22 04:03:42.0300	-4.9685	-11.7139	0	ms1mx	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2010/10/28 21:41:12.5300	-0.4721	-19.9458	0	ms1mx	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/12/03 12:09:35.7700	-1.3477	-15.8713	0	ms1mx	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2009/07/11 01:54:30.6000	-14.0884	-13.9598	0	ms1mx	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2008/08/12 00:49:02.7100	-0.8983	-22.0418	0	ms1mx	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2008/03/09 17:17:22.9600	0.8459	-30.0276	0	ms1mx	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/03/07 21:52:51.5600	0.7344	-25.9259	0	ms1mx	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2006/02/17 13:53:01.4100	-1.2787	-15.1537	0	ms1mx	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2004/03/14 00:20:23.2200	-0.9838	-24.5689	0	ms1mx	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2002/06/25 19:55:59.4000	-4.8954	-12.3204	0	ms1mx	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2007/01/26 21:00:44.2300	9.1453	-40.5156	0	ms1mx	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2005/03/28 00:01:28.9500	-0.191	-20.6778	0	ms1mx	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2003/08/27 12:38:59.1300	6.9828	-34.0265	0	ms1mx	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2003/05/27 07:07:24.2400	8.2822	-39.0122	0	ms1mx	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2002/06/26 01:00:12.4100	-4.5552	-12.317	0	ms1mx	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2002/06/25 22:59:11.8700	-4.957	-12.3849	0	ms1mx	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2002/06/02 00:52:10.4000	7.6242	-37.3996	0	ms1mx	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2007/08/08 01:01:38.3600	0.891	-29.2334	0	ms1mx	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2003/07/28 22:18:08.1800	0.9789	-26.116	0	ms1mx	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2001/12/01 20:52:01.1400	-4.2922	-12.2297	0	ms1mx	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2007/03/07 23:01:19.1000	3.9911	-32.091	0	ms1mx	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2003/10/11 23:08:40.7000	-2.0766	-14.7902	0	ms1mx	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2001/08/28 17:40:36.4000	-11.6111	-13.3141	0	ms1mx	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2001/07/28 11:20:38.6200	0.8842	-26.4652	0	ms1mx	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2006/04/08 22:03:02.5800	-0.1393	-18.1504	0	ms1mx	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2005/03/21 16:14:35.0500	-0.9402	-24.5804	0	ms1mx	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2009/11/20 19:31:25.8500	-0.0471	-18.0191	0	ms1mx	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2006/01/06 06:27:54.2900	6.9083	-34.2364	0	ms1mx	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2009/08/22 12:34:48.9100	0.9269	-28.5087	0	ms1mx	4.8	7.17794E+23	5.20	15.85	0.0196	123.86

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/12/08 01:50:59.1700	13.4037	-44.8571	0	ms1mx	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2006/03/27 01:10:30.0900	7.1804	-34.1704	0	ms1mx	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/10/02 06:54:56.6900	0.8785	-29.6233	0	ms1mx	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2010/11/27 02:44:50.1200	10.8971	-43.4538	0	ms1mx	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2006/03/04 00:53:28.8500	1.0019	-27.9264	0	ms1mx	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2006/07/10 07:21:36.1500	-11.5301	-13.4242	0	ms1mx	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2006/02/17 13:24:00.4000	-1.3087	-15.1757	0	ms1mx	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2003/12/22 19:35:10.7700	14.9105	-45.1738	0	ms1mx	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2002/06/25 21:47:23.9900	-4.891	-12.3992	0	ms1mx	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2008/08/11 23:38:35.4600	-0.908	-21.9866	0	ms1mx	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2006/06/05 06:27:05.5900	1.1812	-28.0878	0	ms1mx	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2003/12/21 07:40:46.4100	-0.6078	-20.9088	0	ms1mx	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2008/04/24 12:14:48.3600	-1.0013	-23.461	0	ms1mx	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	2003/11/09 19:52:40.8200	0.04	-19.9739	0	ms1mx	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	2007/08/20 22:42:26.8100	8.077	-39.2718	0	ms1mx	6.3	2.89068E+25	6.27	177.43	0.2655	149.66
ISC	2008/02/08 09:38:12.6700	10.7706	-41.9121	0	ms1mx	6.9	1.26765E+26	6.70	466.26	0.7459	159.97
ISC	2011/05/12 07:04:19.2000	-10.1	-13.1	10	Ms7	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2010/03/26 09:36:54.7000	-0.54	-16.61	9	Ms7	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2011/09/16 06:43:15.1000	7.5	-36.9	10	Ms7	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2009/07/11 01:54:31.9000	-14	-13.9	10	Ms7	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2009/07/03 06:03:35.7000	-11.7	-14.1	12	Ms7	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2008/04/13 23:29:51.1000	13.4	-44.9	10	Ms7	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2011/07/17 16:37:23.0000	0.6	-25.2	10	Ms7	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2011/06/02 12:30:26.2000	-11.5	-13.5	10	Ms7	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2009/07/16 15:05:43.1000	3.18	-31.36	10	Ms7	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2011/08/10 02:42:25.9000	-0.78	-17.65	10	Ms7	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2011/06/24 02:06:51.0000	0.7	-25.5	10	Ms7	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2010/12/14 19:11:41.8000	3.9	-32.6	10	Ms7	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2009/08/22 12:34:49.7000	1.31	-29.09	11	Ms7	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2009/04/14 01:48:34.0000	-0.75	-19.44	6	Ms7	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2009/04/08 08:22:56.3000	8.38	-38.46	9	Ms7	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2009/03/22 05:52:26.5000	-13	-14.41	6	Ms7	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2011/08/11 08:19:38.4000	-7.25	-12.6	8	Ms7	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2009/09/20 22:07:30.0000	8.1	-39.2	30	Ms7	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2009/08/09 07:31:07.8000	3.8	-32.1	10	Ms7	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2008/12/30 14:57:13.5000	14.9	-44.9	10	Ms7	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2011/09/29 00:08:02.2000	-12.47	-14.99	7	Ms7	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2010/07/31 11:36:55.0000	-1.07	-15.61	9	Ms7	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2009/07/16 15:18:01.5000	3.3	-31.4	10	Ms7	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2010/09/13 02:48:05.5000	0.97	-29.51	15	Ms7	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2009/01/02 20:14:31.4000	0.8	-27.1	10	Ms7	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2008/12/08 01:51:02.3000	13.4	-44.8	10	Ms7	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2008/08/28 15:22:19.9000	0.35	-16.95	10	Ms7	5.2	1.92309E+24	5.49	30.18	0.0395	130.74

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2008/09/16 07:28:26.0000	0.9	-29	10	Ms7	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2008/07/27 21:15:40.4000	-0.09	-18.51	22	Ms7	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2010/02/27 19:54:28.5000	10.9	-43.4	10	Ms7	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	2011/07/27 23:00:30.6000	10.7	-43.4	6	Ms7	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	1999/05/21 16:25:28.8400	-2.4193	-12.0828	0	msmle	3.1	1.08893E+22	3.99	1.03	0.0010	94.62
ISC	1999/10/10 23:42:10.5700	3.5067	-30.3704	0	msmle	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	1999/04/17 00:29:43.5000	8.5415	-39.7009	0	msmle	3.2	1.39316E+22	4.06	1.21	0.0012	96.34
ISC	1999/07/10 01:06:14.5700	-0.2163	-16.3416	0	msmle	3.3	1.78238E+22	4.13	1.42	0.0014	98.06
ISC	1999/12/20 01:57:10.1800	7.511	-35.2434	0	msmle	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1999/06/27 11:40:43.7400	3.4357	-31.307	0	msmle	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1999/12/22 01:58:07.8300	12.0735	-44.0682	0	msmle	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1999/10/02 07:31:37.8100	-0.6607	-20.3943	0	msmle	3.5	2.91743E+22	4.28	1.95	0.0020	101.50
ISC	1999/04/23 21:05:50.5500	-14.0786	-13.908	0	msmle	3.7	4.77529E+22	4.42	2.70	0.0028	104.94
ISC	1999/10/09 16:24:41.7700	-10.651	-14.5396	0	msmle	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1999/07/29 03:55:28.8600	-1.4726	-14.46	0	msmle	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	2000/02/09 21:30:24.0600	-0.1844	-16.5458	0	msmle	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1999/08/28 05:26:29.0900	8.825	-38.3136	0	msmle	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1999/05/02 08:11:08.6900	8.7127	-39.7369	0	msmle	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2000/01/20 10:51:18.1000	-0.1713	-18.1129	0	msmle	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1999/12/25 07:52:30.7100	-12.9599	-14.5855	0	msmle	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2000/02/25 21:17:05.2500	8.9772	-39.9375	0	msmle	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2000/01/28 16:56:17.7300	1.9893	-30.751	0	msmle	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1999/07/05 18:45:26.3600	-0.4702	-20.261	0	msmle	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1999/09/06 01:51:16.5400	-14.0047	-14.6111	0	msmle	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1999/08/10 06:01:19.9200	5.512	-33.032	10	MSZ	3.4	2.28034E+22	4.21	1.66	0.0017	99.78
ISC	1997/12/14 08:56:27.4000	0.527	-27.735	10	MSZ	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1995/02/08 12:15:49.2000	0.06	-16.672	10	MSZ	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1990/04/08 08:06:10.2000	13.501	-44.795	10	MSZ	3.8	6.10942E+22	4.49	3.17	0.0034	106.66
ISC	1997/07/30 13:06:35.0000	5.571	-32.869	10	MSZ	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/04/20 13:20:32.3000	0.048	-16.608	10	MSZ	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1997/01/03 17:54:26.1000	-1.834	-12.881	10	MSZ	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1996/12/10 14:32:23.9000	0.758	-29.176	10	MSZ	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1996/02/03 23:24:08.1000	7.985	-38.024	10	MSZ	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1990/08/30 02:41:13.5000	-0.044	-17.317	10	MSZ	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	1978/05/15 07:27:07.3000	0.834	-27.81	33	MSZ	3.9	7.81628E+22	4.56	3.72	0.0040	108.38
ISC	2001/07/03 23:54:22.9000	0.026	-16.482	10	MsZ	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1995/10/15 02:55:19.4000	7.133	-34.14	10	MSZ	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1995/06/16 07:44:02.9000	10.933	-43.777	10	MSZ	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1993/10/10 20:11:26.4000	0.056	-16.582	10	MSZ	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1991/09/03 20:45:08.7000	-0.029	-19.909	10	MSZ	4	1E+23	4.63	4.37	0.0048	110.10
ISC	1991/07/07 03:07:58.1000	-14.247	-14.203	10	MSZ	4	1E+23	4.63	4.37	0.0048	110.10
ISC	2003/06/06 06:59:44.2000	-0.7	-16.1	10	MsZ	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1999/03/02 14:44:01.6500	3.743	-31.528	10	MSZ	4.1	1.27938E+23	4.70	5.13	0.0057	111.82

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1998/11/04 00:22:00.6000	0.851	-29.194	10	MSZ	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1998/05/01 11:49:04.0000	0.024	-16.625	10	MSZ	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1995/04/03 15:36:36.6000	0.928	-27.987	10	MSZ	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1993/09/08 22:32:25.7000	-0.013	-16.654	10	MSZ	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1992/07/20 06:13:34.6000	0.498	-29.152	10	MSZ	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1991/11/21 14:09:38.5000	0.49	-29.018	10	MSZ	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	1977/05/02 03:56:29.7000	-7.171	-13.606	33	MSZ	4.1	1.27938E+23	4.70	5.13	0.0057	111.82
ISC	2003/07/15 02:50:27.6000	3	-31.3	10	Msz	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2000/05/31 07:51:52.1700	7.365	-34.618	10	MSZ	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1998/05/02 19:18:03.2000	0.903	-29.177	10	MSZ	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1996/11/23 00:22:48.6000	0.797	-25.004	10	MSZ	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1996/08/28 10:04:17.7000	13.484	-45.045	10	MSZ	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1996/04/15 20:03:49.6000	-0.186	-18.318	10	MSZ	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1995/05/04 11:43:04.2000	-10.424	-12.989	10	MSZ	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1995/03/11 21:18:06.2000	-1.429	-14.549	10	MSZ	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1994/05/30 18:52:24.6000	10.815	-42.074	10	MSZ	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1980/07/29 12:29:18.6000	13.472	-44.87	10	MSZ	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	1978/05/07 22:44:46.1000	8.179	-38.252	33	MSZ	4.2	1.63682E+23	4.78	6.03	0.0068	113.54
ISC	2005/09/22 06:42:34.4000	0.7	-25.8	10	Msz	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2005/05/03 18:00:53.4000	-11.4	-13.1	10	Msz	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2003/08/27 12:38:57.4000	6.8	-34	10	Msz	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1999/10/09 16:25:03.5100	-6.998	-12.842	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1999/06/26 10:31:32.9300	3.874	-32.029	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1999/03/31 08:35:07.4500	-12.337	-14.706	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1999/02/17 05:25:27.6900	-0.105	-16.38	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1997/05/27 11:49:15.5000	-0.869	-21.023	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1997/05/25 10:19:24.2000	3.039	-31.181	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1997/01/17 21:14:15.8000	0.908	-27.653	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1996/07/31 05:48:24.0000	3.839	-31.533	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1995/07/14 01:46:28.6000	4.264	-32.541	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1993/07/14 19:12:44.3000	13.672	-44.981	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1990/08/26 21:51:21.3000	9.526	-40.602	10	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	1977/01/31 02:16:57.3000	-1.249	-23.528	33	MSZ	4.3	2.09411E+23	4.85	7.08	0.0082	115.26
ISC	2006/11/07 06:14:55.5000	2.3	-32.1	10	Msz	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2005/09/25 15:04:33.0000	7.1	-33.9	10	Msz	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2005/08/22 18:51:09.0000	7.5	-36.3	10	Msz	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2000/06/29 02:00:01.1100	7.746	-36.395	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1999/12/25 07:52:27.7100	-12.916	-14.503	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1999/01/31 08:34:22.1400	6.99	-33.603	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1998/04/13 08:40:18.6000	-0.08	-17.355	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1998/02/11 21:16:37.5000	10.675	-41.438	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1997/12/02 04:47:55.6000	11.99	-43.822	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1997/07/30 13:37:41.7000	5.554	-32.834	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1997/05/01 04:56:28.8000	-0.421	-19.151	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1997/01/30 23:46:29.7000	7.505	-36.29	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1996/11/09 15:38:44.6000	7.01	-34.382	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1996/11/01 14:38:04.6000	-0.233	-18.01	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1995/04/14 08:57:57.3000	-0.133	-16.449	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1994/02/01 17:33:35.8000	4.015	-32.585	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1992/04/16 18:00:02.3000	7.243	-34.06	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1991/06/11 20:24:44.3000	-0.07	-16.748	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1991/01/03 19:33:55.7000	0.642	-29.455	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1979/05/30 00:09:26.1000	-6.754	-11.626	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1978/08/20 21:21:25.6000	7.493	-34.759	10	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1976/04/20 11:47:40.3000	14.984	-45.13	33	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	1975/10/24 05:12:51.2000	7.197	-36.165	33	MSZ	4.4	2.67917E+23	4.92	8.32	0.0097	116.98
ISC	2006/02/07 16:14:34.6000	5.3	-32.8	10	Msz	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2000/05/20 09:44:23.0200	3.85	-31.504	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2000/04/29 15:01:38.6500	-1.257	-15.936	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1998/07/10 08:20:32.6000	-1.328	-15.858	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1998/03/12 08:23:07.0000	8.788	-39.756	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1997/12/11 14:01:14.1000	-0.833	-21.647	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1996/09/15 03:01:30.6000	6.438	-33.827	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1993/09/18 13:22:56.6000	0.247	-16.228	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1991/11/19 11:56:38.4000	8.436	-39.494	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1991/09/15 15:10:31.5000	-1.696	-12.833	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1991/07/21 14:38:47.7000	8.099	-37.982	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	1990/11/14 07:44:55.7000	7.616	-36.026	10	MSZ	4.5	3.42768E+23	4.99	9.78	0.0116	118.70
ISC	2005/07/21 09:52:50.4000	-1	-23.7	10	Msz	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2004/05/27 22:35:26.0000	10.7	-41	10	Msz	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2001/04/01 14:51:46.1000	4.344	-32.529	10	Msz	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1999/09/01 06:42:41.6300	4.676	-32.613	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1999/03/31 09:01:08.1300	-12.331	-14.84	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1997/05/21 20:23:01.0000	0.015	-16.759	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1996/08/29 20:22:15.9000	1.086	-28.185	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1996/02/08 22:11:35.7000	0.641	-26.058	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1995/06/07 11:43:14.9000	-0.308	-15.984	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1992/11/04 05:28:38.2000	-0.131	-17.175	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1992/09/16 00:17:53.2000	14.884	-45.036	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1991/03/13 08:01:52.6000	12.68	-44.552	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1980/06/10 05:27:57.0000	-1.778	-12.951	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1979/07/15 15:06:43.0000	-1.682	-14.894	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1979/06/06 08:31:09.3000	8.356	-38.761	10	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1979/01/28 23:30:59.9000	12.061	-43.907	19	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	1978/09/11 18:18:22.0000	10.805	-43.393	33	MSZ	4.6	4.38531E+23	5.06	11.48	0.0138	120.42
ISC	2004/12/20 09:52:43.5000	0.7	-25.6	10	Msz	4.7	5.61048E+23	5.13	13.49	0.0165	122.14

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2003/04/04 22:38:25.9000	7	-34	10	MsZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2001/07/30 19:50:09.2000	-3.294	-12.183	10	MsZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2001/01/05 11:54:13.6000	-0.657	-22.074	10	MsZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2000/07/30 01:14:23.0300	7.143	-34.062	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2000/07/26 05:37:42.2900	0.778	-26.038	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1997/05/16 17:50:09.6000	-0.029	-16.734	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1995/11/06 04:21:07.6000	0.828	-27.669	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1994/09/26 10:26:06.2000	0.829	-28.832	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1994/05/17 20:00:40.0000	-0.134	-16.608	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1993/12/11 22:25:32.7000	7.643	-36.128	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1993/06/20 22:18:08.0000	-10.577	-13.173	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1992/07/23 23:31:50.6000	-14.038	-14.314	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1991/02/01 08:41:09.5000	4.448	-31.477	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1980/03/25 13:46:53.0000	-10.263	-13.268	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1979/05/21 08:19:09.7000	7.068	-33.979	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1978/08/28 09:37:39.7000	-1.047	-23.59	10	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1977/07/30 07:31:07.0000	-3.176	-12.198	33	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1977/03/22 04:11:37.7000	-12.521	-14.724	33	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	1975/11/05 05:17:37.1000	7.165	-34.124	33	MSZ	4.7	5.61048E+23	5.13	13.49	0.0165	122.14
ISC	2005/06/24 13:54:36.0000	-1.1	-13.4	10	MsZ	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2005/03/28 00:01:28.5000	-0.3	-20.8	10	MsZ	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2003/07/15 04:29:26.3000	3.1	-31.3	10	MsZ	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2001/03/31 19:43:23.6000	-10.389	-13.089	10	MsZ	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2000/06/14 21:16:38.0400	-4.917	-12.373	10	MSZ	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1998/04/12 04:09:29.2000	4.801	-47.732	10	MSZ	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1997/10/19 07:30:00.7000	7.616	-37.133	10	MSZ	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1995/06/06 13:17:34.3000	-1.244	-14.482	10	MSZ	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1992/10/09 10:15:49.5000	-1.55	-15.366	10	MSZ	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	1990/08/11 23:17:30.7000	7.139	-34.203	10	MSZ	4.8	7.17794E+23	5.20	15.85	0.0196	123.86
ISC	2007/02/08 10:21:50.0000	8.7	-39.5	10	MsZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2006/03/22 15:07:53.6000	-14.1	-14.4	10	MsZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2005/12/19 14:44:49.3000	3.2	-31.4	10	MsZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1996/12/15 15:41:00.3000	3.781	-32.002	10	MSZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1996/10/22 10:27:16.0000	7.34	-34.936	10	MSZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1994/01/20 23:04:36.4000	-3.877	-11.976	10	MSZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1992/10/09 09:34:51.0000	-0.936	-15.966	10	MSZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1992/07/11 08:40:05.1000	-12.183	-14.87	10	MSZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1991/10/26 05:27:59.6000	7.359	-34.869	10	MSZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1990/06/19 23:56:09.8000	0.941	-26.53	10	MSZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1980/03/22 14:31:43.8000	-0.916	-13.232	10	MSZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1979/02/11 09:06:45.0000	10.212	-40.869	10	MSZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	1979/01/28 22:26:27.0000	12.062	-43.874	10	MSZ	4.9	9.18333E+23	5.28	18.62	0.0234	125.58
ISC	2007/03/07 23:01:22.5000	3	-31.8	10	MsZ	5	1.1749E+24	5.35	21.87	0.0278	127.30

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/12/03 08:19:51.3000	-0.5	-19.7	10	MsZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2004/05/05 05:24:18.6000	-7.4	-13.5	8	MsZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/09/10 21:37:43.1000	-1.924	-12.961	10	MsZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/09/10 21:37:43.1500	-1.924	-12.961	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/07/15 03:13:23.0400	-0.44	-19.595	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/06/16 17:59:03.3200	-7.983	-13.395	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2000/05/22 04:24:38.3700	0.738	-25.862	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1999/09/06 01:51:15.6200	-14.048	-14.483	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1999/07/03 16:36:01.9000	8	-38.1	10	MsZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1997/09/26 14:00:05.8000	0.124	-16.923	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1996/08/30 11:41:55.8000	1.073	-29.087	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1995/12/14 05:13:48.0000	-6.866	-12.726	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1992/04/02 21:03:03.6000	7.173	-34.047	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1991/04/16 02:11:31.4000	0.369	-25.759	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1980/10/27 08:46:40.8000	-0.146	-24.85	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1980/07/03 14:40:09.7000	7.361	-34.338	10	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1978/06/02 12:44:48.3000	-4.449	-12.337	21	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	1976/05/04 04:09:23.2000	8.094	-38.026	33	MSZ	5	1.1749E+24	5.35	21.87	0.0278	127.30
ISC	2005/06/27 14:05:08.3000	7.4	-35	12	MsZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2004/07/06 15:02:54.8000	-11.8	-13.4	10	MsZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2004/06/02 20:47:55.0000	4.8	-32.7	10	MsZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2003/02/13 04:45:21.4000	2.7	-31.3	10	MsZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2000/09/23 02:13:32.4500	4.367	-32.593	10	MSZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1997/07/22 19:10:35.0000	4.619	-32.688	10	MSZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1991/06/15 20:23:21.9000	0.535	-25.452	10	MSZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1990/07/08 17:29:08.5000	-4.521	-12.294	10	MSZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1990/06/07 23:40:25.3000	-1.211	-24.419	10	MSZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1980/11/01 16:00:45.8000	-3.213	-12.667	10	MSZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	1978/11/05 06:39:35.7000	8.096	-38.553	10	MSZ	5.1	1.50314E+24	5.42	25.69	0.0331	129.02
ISC	2007/03/25 13:29:36.0000	-1.2	-24.1	10	MsZ	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2004/02/07 23:40:58.8000	13.4	-44.8	10	MsZ	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2001/07/12 06:12:17.1000	-6.46	-14.38	13	MsZ	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1996/11/28 21:25:58.8000	-1.222	-24.17	10	MSZ	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1996/10/06 15:32:30.9000	13.229	-44.966	10	MSZ	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1996/09/17 23:09:24.2000	0.908	-26.37	10	MSZ	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1996/02/19 02:28:32.1000	-1.199	-14.232	0	MSZ	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1980/08/13 20:46:22.0000	8.8	-39.87	10	MSZ	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	1979/05/30 16:08:47.2000	14.638	-45.003	10	MSZ	5.2	1.92309E+24	5.49	30.18	0.0395	130.74
ISC	2007/09/26 18:39:32.1000	-6.35	-12.37	12	MsZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2005/03/24 07:33:53.0000	7.1	-34.1	21	MsZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2002/06/25 21:47:24.2000	-4.9	-12.4	10	MsZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2001/01/24 05:34:32.4000	-0.6	-19.9	10	MsZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2000/07/14 05:22:04.1000	-0.9	-16.1	10	MsZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	1995/06/26 21:26:49.3000	7.115	-34.342	10	MSZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1994/10/02 00:44:19.8000	-7.021	-13.113	10	MSZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1994/08/29 17:36:20.8000	-0.404	-19.172	10	MSZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1993/08/15 03:10:21.2000	0.711	-25.956	0	MSZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1980/07/26 12:53:40.7000	7.102	-34.044	10	MSZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1979/02/11 08:00:56.5000	10.286	-40.807	10	MSZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	1978/06/22 08:33:11.5000	1.144	-27.714	33	MSZ	5.3	2.46037E+24	5.56	35.45	0.0470	132.46
ISC	2006/09/30 12:47:22.8000	7.3	-34.7	10	Msz	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1998/07/09 16:23:41.7000	-1.368	-15.933	10	MSZ	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	1992/09/21 10:18:49.3000	-7.816	-13.585	10	MSZ	5.4	3.14775E+24	5.63	41.65	0.0559	134.18
ISC	2000/09/23 02:17:43.9000	4.276	-32.607	10	Msz	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1991/08/12 13:02:30.2000	-14.17	-14.255	10	MSZ	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1990/07/14 07:24:39.6000	-0.074	-17.523	0	MSZ	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1980/07/24 21:20:15.0000	0.859	-29.601	10	MSZ	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	1976/05/04 04:40:46.5000	7.992	-38.015	33	MSZ	5.5	4.02717E+24	5.70	48.93	0.0665	135.90
ISC	2006/06/05 06:27:08.9000	1.2	-28.1	10	Msz	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2000/09/10 21:37:43.1000	-1.9	-13	10	Msz	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1979/11/14 22:04:51.2000	0.889	-27.105	10	MSZ	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	1979/02/22 18:30:58.4000	-0.161	-17.72	10	MSZ	5.6	5.15229E+24	5.77	57.47	0.0791	137.62
ISC	2006/06/05 06:34:31.8000	1	-28.2	10	Msz	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1976/05/14 06:25:34.4000	10.782	-43.498	33	MSZ	5.7	6.59174E+24	5.85	67.52	0.0941	139.34
ISC	1978/03/20 18:09:43.6000	0.766	-29.693	33	MSZ	5.8	8.43335E+24	5.92	79.31	0.1119	141.06
ISC	2007/07/03 08:26:00.8000	0.7	-30.3	10	Msz	6.1	1.76604E+25	6.13	128.57	0.1880	146.22
ISC	2003/11/09 19:52:32.7000	-0.78	-19.63	4	Msz	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	2007/08/20 22:42:29.1000	8	-39.2	10	Msz	6.6	8.91251E+25	6.60	370.36	0.5834	157.52
ISC	2011/08/11 06:58:56.0000	-7.01	-12.67	12	MW	4.7	1.25893E+23	4.70	5.08	0.0057	111.71
ISC	2006/06/26 20:57:24.0000	-3.1	-12.39	0	MW	4.7	1.25893E+23	4.70	5.08	0.0057	111.71
ISC	2005/12/07 05:46:45.5000	-14.08	-13.91	12	MW	4.7	1.25893E+23	4.70	5.08	0.0057	111.71
ISC	2011/09/21 18:23:19.7000	4.73	-32.63	0	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2011/08/21 20:46:16.0000	0.94	-29.27	25	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2011/05/12 07:04:18.6000	-10.52	-13.01	0	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2010/11/18 12:17:44.0000	13.39	-44.87	12	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2010/10/25 07:14:00.0000	-1.3	-15.52	0	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2009/12/03 12:09:38.9000	-1.22	-16	12	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2009/09/20 06:58:09.1000	1.05	-27.74	12	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2009/08/30 10:07:05.1000	2.82	-31.23	12	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2008/05/15 00:49:15.7000	8.2	-38.66	0	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2008/01/22 03:30:48.5000	3.95	-31.97	0	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2006/08/14 09:10:16.7000	-12.32	-14.64	15	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2005/12/31 04:39:36.8000	2.28	-30.6	12	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2005/11/16 13:42:43.5000	1.13	-28.49	12	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2005/09/17 10:35:57.4000	0.99	-29.07	0	MW	4.8	1.77828E+23	4.80	6.37	0.0073	114.12
ISC	2011/09/12 18:05:28.0000	3.94	-31.42	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/05/09 05:25:12.0000	-11.07	-13.03	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2011/03/16 14:37:52.0000	-11.04	-13.12	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2011/01/14 15:00:32.0000	-8.18	-13.51	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2010/06/11 11:17:27.2000	4.28	-32.68	12	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2010/06/03 07:43:41.2000	13.52	-44.8	12	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2010/04/20 08:08:19.5000	0.04	-18.41	20	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/11/25 14:12:14.1000	-11.74	-13.93	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/09/20 22:07:30.5000	8.82	-39.65	12	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/09/20 22:07:28.0000	8.2538	-39.0893	10	Mw	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/08/21 16:55:10.8000	-6.92	-12.35	16	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/08/13 15:27:14.9000	-1.19	-15.11	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/08/11 16:28:13.3000	-5	-11.6	12	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/08/09 07:31:13.1000	3.95	-32.34	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/07/16 15:18:06.9000	3.46	-31.45	12	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/06/17 06:45:17.7000	0.78	-25.46	12	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/05/31 00:47:05.3000	4.61	-32.58	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/03/22 06:35:17.4000	-12.9	-14.6	12	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2009/03/16 01:38:05.7000	0.26	-17.45	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2008/08/19 01:26:26.1000	-8.17	-13.56	18	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2008/03/10 12:58:28.7000	0.98	-26.73	20	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2008/02/14 02:52:18.6000	-0.77	-13.17	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2007/04/10 00:35:20.9000	-11.75	-14.13	12	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2007/04/01 15:25:56.2000	-3.18	-12.32	12	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2007/03/24 13:38:21.0000	-5.66	-11.51	12	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2006/09/07 14:06:40.6000	-1.1	-24.11	13	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2006/06/22 01:12:02.2000	4.62	-32.76	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2006/05/01 22:41:51.3000	-11.3	-13.19	0	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2003/01/08 06:20:48.0000	-7.25	-13.25	10	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2002/02/11 12:27:36.6000	8.09	-38.92	15	MW	4.9	2.51189E+23	4.90	7.98	0.0093	116.53
ISC	2011/08/11 09:16:57.9000	-6.96	-12.7	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2011/07/28 16:11:58.3000	4.05	-32.38	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2011/07/09 22:58:23.2000	-7.78	-13.58	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2011/07/07 09:06:12.8000	7.99	-37.93	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2011/05/01 04:39:33.7000	-0.99	-14.4	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2011/03/26 11:38:53.1000	1	-29.1	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2011/01/11 15:45:32.5000	-6.38	-11.28	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2010/12/27 00:48:36.5000	-2.71	-12.29	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2010/11/29 18:47:12.0000	1.02	-28.99	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2010/09/18 11:17:19.3000	-0.4	-19.56	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2010/03/26 09:36:56.8000	-1.38	-15.92	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2009/09/21 23:18:36.7000	3.99	-31.69	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2009/03/27 10:00:48.5000	-12.86	-14.58	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2009/03/22 12:54:53.1000	-12.78	-14.63	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2009/03/05 22:13:54.7000	-7.97	-13.54	18	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2008/08/15 00:49:49.0000	0.72	-25.48	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2008/08/14 17:16:23.5000	8.2	-37.89	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2008/05/22 12:42:59.1000	7.42	-35.85	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2008/03/23 21:32:27.2000	-0.99	-14.49	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2008/03/07 19:03:42.6000	8.73	-39.84	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2008/02/26 14:14:30.9000	-10.64	-13.04	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2007/11/21 00:37:55.1000	13.25	-44.88	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2007/10/23 03:02:56.0000	-1.63	-13.01	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2007/08/19 12:59:40.4000	-2.37	-12.31	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2007/08/17 16:27:40.9000	-3.45	-12.26	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2007/05/06 17:44:40.5000	-7.56	-13.56	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2007/02/08 13:00:16.0000	8.79	-39.36	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2007/01/05 02:30:01.3000	0.85	-25.43	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2006/11/17 23:42:40.8000	-12.8	-14.57	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2006/11/08 23:15:59.6000	1.12	-28.25	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2006/11/07 06:06:54.1000	2.42	-32.08	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2006/10/31 06:42:41.1000	-1.06	-24.38	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2006/08/01 12:01:43.4000	-6.92	-12.79	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2006/07/27 17:36:14.6000	1.02	-27.11	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2006/06/22 01:15:48.0000	4.65	-32.71	0	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2006/02/18 14:59:04.9000	-6.05	-11.36	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2004/12/20 09:52:43.6000	0.76	-25.29	12	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2003/08/06 19:55:35.7000	7.65	-36.43	15	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2003/07/08 08:51:27.1000	-6.94	-21.76	15	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2002/06/26 06:38:21.2000	-4.29	-12.64	15	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2002/05/13 13:20:54.0000	-12.52	-14.78	15	MW	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	1999/12/25 07:52:37.4000	-12.7	-14.76	15	Mw	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	1995/05/13 07:28:20.1000	-14.022	-14.25	10	Mw	5	3.54813E+23	5.00	10.00	0.0119	118.94
ISC	2011/09/29 00:08:03.9000	-12.85	-14.6	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2011/04/13 20:57:35.5000	0.85	-26.75	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2011/03/19 18:30:28.6000	-10.22	-13.27	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2011/03/19 03:03:16.9000	-10.36	-13.08	0	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2010/12/22 04:03:43.4000	-4.82	-11.66	0	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2010/09/13 02:48:07.2000	0.95	-29.02	0	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2009/07/18 17:06:40.4000	0.92	-29.24	0	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2009/07/11 01:54:37.0000	-14.12	-13.8	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2009/03/26 19:13:41.0000	-6.9	-12.56	0	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2009/03/22 08:02:31.3000	-12.72	-14.65	0	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2008/05/24 13:21:29.9000	-0.11	-18.69	0	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2008/03/09 17:17:24.6000	0.82	-29.86	0	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2007/08/21 13:35:37.2000	8.19	-39.16	29	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2007/08/12 08:01:27.5000	-5.55	-11.46	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2007/08/11 06:32:54.5000	-5.44	-11.53	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2007/08/08 01:01:39.8000	0.98	-29.23	0	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2007/06/08 22:01:22.8000	9.57	-40.58	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2007/02/08 14:32:10.0000	8.58	-39.42	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2007/02/05 16:37:02.0000	-0.96	-14.39	15	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2006/11/05 10:05:28.9000	-0.97	-23.53	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2006/05/24 17:58:06.5000	3.94	-32.08	0	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2006/02/20 19:26:49.6000	-10.54	-13.2	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2005/12/23 18:03:59.0000	8.15	-38.1	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2005/12/19 14:44:49.3000	3.34	-31.42	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2005/04/12 13:55:52.8000	-10.6	-13.03	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2004/09/28 13:39:50.6000	-12.87	-14.65	12	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2003/08/27 12:38:58.5000	7.01	-34.23	15	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2003/07/15 17:50:00.1000	3.85	-30.91	15	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2003/02/13 08:23:52.0000	-13.11	-15.21	15	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2003/01/11 07:30:13.9000	-4.97	-11.37	15	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2002/12/21 14:12:42.3000	-10.84	-13.18	15	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2002/06/26 01:00:14.6000	-4.43	-12.67	15	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2002/04/14 11:17:06.8000	11.49	-43.93	15	MW	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	1999/09/01 06:42:49.0000	5.18	-32.7	15	Mw	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	1998/07/26 03:38:24.5000	-0.768	-20.959	10	Mw	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	1996/01/29 10:27:07.6000	-0.943	-15.916	0	Mw	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	1994/11/30 02:28:15.5000	10.774	-41.033	10	Mw	5.1	5.01187E+23	5.10	12.53	0.0152	121.35
ISC	2011/08/11 08:19:39.6000	-6.92	-12.74	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2011/08/11 01:36:45.8000	-6.76	-12.38	18	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2011/08/04 01:35:05.5000	3.93	-32.17	0	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2011/07/09 23:17:58.4000	-7.8	-13.51	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2011/06/24 02:06:51.5000	0.68	-25.44	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2011/06/02 12:30:27.1000	-11.57	-13.22	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2011/03/01 03:46:29.6000	-5.53	-11.46	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2010/11/17 22:33:47.2000	-7.49	-13.52	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2010/10/28 21:41:14.1000	-0.38	-19.87	0	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2010/06/07 04:25:49.4000	-0.74	-13.55	0	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2009/07/16 15:05:49.5000	3.48	-31.46	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2009/03/24 12:34:57.6000	14.62	-44.95	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2007/11/17 08:42:19.8000	-0.94	-13.13	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2007/02/08 12:05:19.5000	8.73	-39.39	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2007/02/08 10:21:57.1000	8.64	-39.43	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2007/01/26 21:00:46.0000	9.11	-40.5	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2007/01/15 10:11:29.5000	8.79	-39.77	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2006/11/13 08:53:57.8000	-12.54	-14.7	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2006/04/28 07:22:42.0000	3.96	-31.6	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2006/03/30 03:14:40.7000	-1.11	-15.98	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2005/07/21 19:17:49.6000	-8.12	-13.56	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2005/06/24 13:54:36.1000	-0.81	-13.41	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2005/04/22 03:46:06.1000	-10.25	-13.18	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2005/03/28 00:01:30.5000	-0.09	-20.67	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2004/09/28 13:43:26.1000	-12.86	-14.55	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2004/07/06 15:09:41.3000	-11.6	-13.53	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2004/05/05 05:24:18.7000	-7.32	-13.66	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2004/03/17 06:40:57.2000	-7.12	-13.05	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2004/03/12 20:30:46.9000	5.64	-32.85	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2004/02/07 23:40:58.9000	13.54	-44.87	12	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2002/06/25 22:59:20.2000	-4.64	-12.44	15	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2002/06/02 00:52:19.6000	8.19	-37.49	15	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2001/10/10 10:02:04.3000	5.56	-32.66	15	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2001/08/28 17:40:41.1000	-11.57	-13.47	15	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2001/07/30 19:50:15.4000	-2.89	-12.47	15	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2001/07/25 19:47:11.3000	-11.83	-14.49	15	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2001/06/07 09:16:19.2000	0.54	-27.63	15	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2001/02/23 10:15:21.9000	13.94	-44.89	15	MW	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	1999/02/04 19:43:20.1000	1.25	-30.58	15	Mw	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	1998/08/17 08:02:06.3000	-3.184	-12.161	0	Mw	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	1998/08/05 07:30:54.7000	5.902	-33.084	10	Mw	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	1997/08/26 08:43:27.2000	-6.998	-21.898	10	Mw	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	1996/10/07 06:07:02.2000	0.872	-28.394	10	Mw	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	1996/06/08 16:37:03.7000	-12.871	-14.686	10	Mw	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	1996/06/08 16:07:03.7000	-12.779	-14.639	10	Mw	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	1995/12/28 08:36:41.5000	13.652	-45.542	10	Mw	5.2	7.07946E+23	5.20	15.71	0.0194	123.76
ISC	2011/07/09 23:47:30.1000	-7.86	-13.48	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2010/12/31 16:30:54.5200	0.663	-26.045	10	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2010/11/22 05:09:51.7000	8.26	-39.43	0	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2010/11/14 11:21:43.1000	-0.06	-18.04	0	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2010/03/10 08:07:24.2000	7.23	-34.32	0	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2009/08/22 12:34:54.1000	1.01	-28.4	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2009/06/24 11:12:26.4000	0.3	-17.02	17	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2009/03/22 06:06:40.0000	-12.86	-14.63	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2008/08/12 00:49:11.1000	-0.66	-22.06	0	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2007/08/21 16:36:45.4000	8.23	-39.07	0	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2007/08/16 14:44:04.0000	-3.48	-12.16	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2007/02/08 16:28:08.0000	8.62	-39.44	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2006/04/08 22:03:03.9000	-0.03	-18.08	0	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2005/10/02 06:54:58.2000	0.92	-29.42	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2005/08/15 07:53:42.6000	-1.5	-13.01	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2005/06/27 14:05:08.3000	7.52	-35	0	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2005/03/24 07:33:53.0000	7.28	-34.02	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2004/07/06 15:31:53.0000	-11.63	-13.6	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2004/07/06 15:02:54.9000	-11.62	-13.51	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2004/06/02 20:47:57.0000	4.85	-32.6	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2004/05/12 23:23:54.4000	-1.2	-15.22	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2004/04/04 18:04:34.7000	-3.23	-12.18	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2004/03/03 20:24:44.7000	-0.48	-16.13	12	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2003/02/13 05:59:16.9000	-6.66	-11.8	15	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2003/02/13 04:45:29.1000	2.82	-31.47	15	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2003/01/11 07:30:16.0000	-4.5	-11.5	10	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2002/12/15 05:56:28.1000	10.83	-43.3	15	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2002/10/02 15:57:08.3000	-0.62	-13.39	15	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2002/06/25 20:16:02.2000	-4.81	-12.3	15	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2002/06/25 19:56:04.6000	-5.09	-12.66	15	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2001/06/12 14:22:19.9000	14.53	-45.07	15	MW	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2000/12/15 14:08:22.5000	-5.72	-11.39	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2000/10/29 06:05:32.6000	0.83	-28.1	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2000/07/30 01:14:31.5000	7.39	-33.94	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2000/06/14 21:16:45.4000	-4.68	-12.4	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2000/05/18 09:50:31.3000	-10.67	-13.55	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2000/04/29 15:17:16.0000	-0.99	-15.84	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	1999/09/06 01:51:22.6000	-14.48	-14.05	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	1999/07/03 16:36:07.4000	7.92	-38.3	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	1999/06/24 07:30:51.6000	0.92	-28.72	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	1999/03/16 14:42:59.0000	0.47	-17.2	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	1999/02/05 04:23:12.4000	-6.56	-11.68	15	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	1998/06/25 05:41:09.4000	13.658	-45.542	10	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	1998/03/01 12:31:20.3000	-6.766	-12.61	10	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	1997/07/22 19:10:35.0900	4.619	-32.688	6	mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	1996/08/28 06:30:49.6000	0.95	-28.095	10	Mw	5.3	1E+24	5.30	19.68	0.0248	126.17
ISC	2011/03/19 18:43:03.2000	-10.26	-13.19	12	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2011/02/15 21:59:02.5000	0.11	-17.9	0	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2010/11/26 13:01:52.7000	10.91	-43.5	0	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2010/11/04 12:29:31.4000	12.87	-44.85	12	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2009/07/02 03:20:53.2000	-11.73	-14.08	12	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2009/03/26 18:43:51.4000	-6.9	-12.57	0	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2007/09/07 09:25:18.0000	7.46	-34.71	12	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2006/06/05 06:18:44.6000	0.91	-27.99	0	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2006/01/06 06:27:59.6000	7.25	-34.44	0	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2005/03/24 07:33:53.0400	7.102	-34.12	21	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2005/03/21 16:14:38.5000	-0.9	-24.5	0	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2004/04/24 08:03:06.1000	0.99	-27.05	12	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2003/11/09 22:56:25.5000	-0.1	-19.64	15	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2003/10/11 23:08:45.2000	-1.28	-15.43	15	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2002/07/31 09:12:50.2000	7.42	-36.36	15	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2002/03/14 21:03:24.6000	3.54	-31.2	15	MW	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2000/08/31 20:30:09.7000	0.88	-26.75	15	Mw	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2000/07/14 05:22:04.7000	-0.87	-16.47	15	Mw	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2000/06/16 18:18:03.7000	-7.78	-13.49	15	Mw	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2000/06/16 17:59:09.7000	-7.83	-13.74	15	Mw	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2000/04/29 15:20:10.8000	-1.16	-16.15	15	Mw	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	1998/12/13 17:31:58.8900	13.345	-44.845	18	mw	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	1995/03/04 17:56:38.0000	-13.972	-14.495	10	Mw	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	1993/04/30 08:49:09.1000	7.647	-37.128	10	Mw	5.4	1.41254E+24	5.40	24.67	0.0317	128.58
ISC	2010/12/31 16:30:54.5000	0.81	-26.06	0	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2010/07/31 11:36:56.6000	-0.79	-16.05	12	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2009/11/20 19:31:32.4000	0.1	-17.99	0	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2009/01/02 20:14:30.6300	0.791	-27.118	10	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2008/08/19 08:33:57.7000	-8.09	-13.53	12	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2007/11/27 10:13:49.7000	-1.11	-13.2	12	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2007/08/16 14:18:24.6000	-3.43	-12.16	12	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2007/03/07 23:01:24.5000	3.17	-30.97	12	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2006/09/30 12:47:22.9000	7.44	-34.64	12	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2006/07/10 07:21:37.9000	-11.54	-13.39	12	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2006/03/27 01:10:32.1000	7.22	-34.24	0	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2005/01/29 21:01:09.0000	-1.2	-15.56	12	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2004/05/27 15:11:37.5000	-14.1	-14.33	12	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2004/05/11 23:58:54.4000	12.76	-44.48	12	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2003/03/07 12:23:16.2000	0.89	-26.98	15	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2001/07/12 06:12:16.7900	-7.429	-13.378	10	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2001/01/05 11:54:18.9000	-0.76	-22.21	15	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2001/01/02 19:37:39.6000	1.08	-27.83	15	MW	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2000/09/23 02:17:43.9800	4.276	-32.607	10	Mw	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2000/09/23 02:13:38.1000	4.15	-32.58	15	Mw	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2000/09/10 21:37:48.6000	-1.72	-13.11	15	Mw	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2000/07/26 05:37:48.5000	0.63	-25.96	15	Mw	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	1999/12/17 04:00:32.5000	8.02	-37.82	15	Mw	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	1998/05/01 17:18:17.9000	1.136	-28.489	10	Mw	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	1993/02/09 12:04:49.2000	0.696	-29.666	10	Mw	5.5	1.99526E+24	5.50	30.92	0.0405	130.99
ISC	2011/07/08 05:53:03.8000	1.07	-26.4	12	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2010/08/02 03:30:02.9000	7.25	-34.38	0	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2009/01/02 19:42:27.1900	0.624	-26.661	10	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2007/09/26 18:39:34.8000	-6.66	-11.59	12	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2006/12/03 08:19:51.3000	-0.38	-19.76	0	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2006/06/05 06:34:33.9000	1.06	-28.06	0	Mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2006/04/10 06:26:13.3000	7.511	-36.93	10	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2006/03/04 00:53:31.8000	1.09	-28.01	0	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2006/02/17 13:24:02.0300	-1.48	-15.104	10	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2004/10/25 20:59:51.4000	0.94	-28.83	12	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2004/04/19 08:14:11.4000	3.82	-32.21	12	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2002/06/25 21:47:29.2000	-5.06	-12.67	15	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2002/06/12 19:52:53.6000	-0.37	-20.73	15	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2002/03/07 07:10:19.2000	-1.05	-24.3	15	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2001/07/12 06:12:24.0000	-7.52	-13.76	15	MW	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2000/10/30 01:03:31.8000	0.81	-25.67	15	Mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2000/07/15 03:13:28.0000	-0.13	-19.6	15	Mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	1997/11/14 10:18:20.0000	0.808	-27.026	10	Mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	1997/11/10 12:47:33.9000	0.05	-16.893	10	Mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	1997/11/10 12:47:33.9700	0.05	-16.893	3	mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	1997/09/01 12:36:29.5000	-1.59	-15.572	10	Mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	1997/02/24 04:17:02.1000	10.816	-43.612	10	Mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	1996/08/27 14:36:39.1000	-6.933	-12.724	10	Mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	1995/12/14 02:09:15.5000	-6.98	-12.657	10	Mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	1992/09/21 10:18:49.3300	-7.816	-13.585	29	mw	5.6	2.81838E+24	5.60	38.75	0.0517	133.41
ISC	2011/08/14 01:29:39.3000	-0.96	-14.43	0	MW	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	2011/02/12 02:53:15.1000	0.31	-17.05	15	MW	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	2006/06/05 06:34:31.8000	1.07	-28.02	26	MW	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	2006/04/10 06:26:13.3000	7.77	-36.98	0	MW	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	2002/08/03 14:18:19.8000	-0.86	-14.39	15	MW	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	2001/01/24 05:34:38.6000	-0.46	-19.83	15	MW	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	2000/09/23 02:17:49.1000	4.23	-32.56	15	Mw	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	1999/12/17 04:03:36.3000	8.29	-37.89	15	Mw	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	1998/01/19 12:30:06.1000	-0.653	-20.109	10	Mw	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	1995/07/25 15:13:26.8000	10.702	-41.212	10	Mw	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	1993/11/25 20:24:00.7300	-0.963	-13.264	13	mw	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	1993/11/25 20:24:00.7000	-0.963	-13.264	10	Mw	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	1993/01/07 07:42:26.3000	0.136	-16.972	10	Mw	5.7	3.98107E+24	5.70	48.56	0.0660	135.82
ISC	2010/11/27 02:44:52.7000	10.93	-43.33	0	MW	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2010/02/27 19:54:28.7000	10.83	-43.39	14	MW	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2010/01/27 17:42:45.2000	-14.04	-14.43	12	MW	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2008/09/16 07:28:25.0200	0.902	-28.998	10	MW	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2008/07/27 21:15:42.4000	-0.253	-18.287	17	MW	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2007/08/20 12:37:06.7000	-0.02	-18.14	0	MW	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2006/03/09 17:55:54.2000	0.62	-26.07	0	Mw	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2006/02/17 13:24:02.0000	-1.16	-15.13	0	MW	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2004/09/24 10:34:53.5000	0.87	-25.66	12	MW	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2003/12/23 05:58:37.2000	-0.52	-20.38	16	MW	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2000/10/27 09:10:10.4000	-1.27	-23.77	15	Mw	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	1995/02/02 12:53:53.1000	10.739	-42.559	10	Mw	5.8	5.62341E+24	5.80	60.86	0.0841	138.23
ISC	2011/07/27 23:00:30.3000	10.9	-43.34	0	MW	5.9	7.94328E+24	5.90	76.27	0.1073	140.64

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2011/07/27 23:00:29.6700	10.799	-43.391	6	MW	5.9	7.94328E+24	5.90	76.27	0.1073	140.64
ISC	2001/03/07 18:11:07.7000	-6.93	-12.71	15	MW	5.9	7.94328E+24	5.90	76.27	0.1073	140.64
ISC	2000/05/22 04:24:48.2000	0.85	-25.75	15	Mw	5.9	7.94328E+24	5.90	76.27	0.1073	140.64
ISC	1998/10/01 03:41:13.0900	13.738	-45.565	9	mw	5.9	7.94328E+24	5.90	76.27	0.1073	140.64
ISC	1998/10/01 03:41:13.0000	13.738	-45.565	10	Mw	5.9	7.94328E+24	5.90	76.27	0.1073	140.64
ISC	2011/08/10 23:45:43.0000	-6.89	-12.6	0	MW	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2011/08/10 23:45:43.0400	-7.04	-12.618	10	MW	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2008/08/11 23:38:44.2000	-0.75	-21.75	0	MW	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2007/05/04 12:06:51.4000	-1.44	-14.84	0	Mw	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2006/06/05 06:27:08.0000	1.12	-27.8	0	MW	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2006/06/05 06:27:07.4000	1.13	-27.95	0	Mw	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2006/03/09 17:55:55.3000	0.79	-25.97	0	MW	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2004/03/08 23:39:11.3400	10.48	-43.919	10	MW	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2004/03/08 23:39:11.3000	10.94	-43.28	12	MW	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2003/09/21 23:15:12.1000	-0.8	-13.77	15	MW	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2001/03/07 18:10:58.6500	-6.81	-12.911	10	MW	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	1998/03/29 07:14:58.9800	-0.239	-17.932	13	mw	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	1998/03/29 07:14:58.9000	-0.239	-17.932	10	Mw	6	1.12202E+25	6.00	95.59	0.1367	143.05
ISC	2011/05/15 13:08:13.1000	0.87	-25.62	0	MW	6.1	1.58489E+25	6.10	119.79	0.1743	145.46
ISC	2008/05/23 19:36:15.0000	7.05	-32.46	235	Mw	6.1	1.58489E+25	6.10	119.79	0.1743	145.46
ISC	1988/05/20 14:58:43.5300	8.116	-38.413	36	mw	6.1	1.58489E+25	6.10	119.79	0.1743	145.46
ISC	1985/01/10 17:47:56.0800	10.797	-43.446	15	mw	6.1	1.58489E+25	6.10	119.79	0.1743	145.46
ISC	2007/07/31 22:55:31.1000	0.04	-17.86	0	MW	6.2	2.23872E+25	6.20	150.13	0.2220	147.87
ISC	2007/05/04 12:06:52.2000	-1.12	-14.92	0	MW	6.2	2.23872E+25	6.20	150.13	0.2220	147.87
ISC	2004/01/16 18:07:55.7000	7.79	-37.73	15	MW	6.2	2.23872E+25	6.20	150.13	0.2220	147.87
ISC	1998/06/18 04:17:54.9800	-11.572	-13.894	3	mw	6.2	2.23872E+25	6.20	150.13	0.2220	147.87
ISC	1998/04/10 16:40:38.5800	-1.322	-15.651	13	mw	6.2	2.23872E+25	6.20	150.13	0.2220	147.87
ISC	1998/04/10 16:40:38.5000	-1.322	-15.651	10	Mw	6.2	2.23872E+25	6.20	150.13	0.2220	147.87
ISC	2008/08/28 15:22:30.5000	0.18	-17.37	0	MW	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	2008/04/24 12:14:49.9200	-1.182	-23.471	10	MW	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	2007/07/03 08:26:00.8000	0.81	-30.04	17	MW	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	2003/11/09 19:52:36.8200	-0.674	-19.689	10	MW	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	2001/11/15 01:03:12.9000	-1.14	-15.39	15	MW	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1998/06/18 04:17:54.9000	-11.572	-13.894	10	Mw	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1994/01/25 07:12:44.8000	10.601	-41.715	0	Mw	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	1993/09/20 10:17:42.0600	0.75	-29.354	9	mw	6.3	3.16228E+25	6.30	188.15	0.2828	150.28
ISC	2009/12/09 16:00:56.2000	-0.62	-20.8	0	MW	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	2009/12/09 16:00:43.3300	-0.642	-21.072	10	MW	6.4	4.46684E+25	6.40	235.80	0.3601	152.69
ISC	2008/05/23 19:35:34.9000	7.51	-35.01	0	MW	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2008/04/24 12:14:49.9000	-1.14	-23.87	0	MW	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2007/08/20 22:42:29.2000	8.19	-39.17	12	MW	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2007/08/20 22:42:29.0000	8.021	-39.274	10	Mw	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2003/12/21 07:40:45.8000	-0.39	-20.13	15	MW	6.5	6.30957E+25	6.50	295.52	0.4584	155.10

Contributor	date_n_time	latitude	longitude	depth (km)	type	magnitude	M0	Mw (from resulted M0)	Rup. Area (km2)	Volume (km3)	Brec. Width (cm)
ISC	2003/12/21 07:40:45.8300	-0.769	-20.601	10	MW	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	1996/02/18 23:49:28.1600	-1.266	-14.273	9	mw	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	1996/02/16 09:44:58.4100	-1.496	-15.279	13	mw	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	1990/07/14 05:54:25.4900	0.003	-17.376	12	mw	6.5	6.30957E+25	6.50	295.52	0.4584	155.10
ISC	2008/09/10 13:08:14.6900	8.093	-38.705	9	MW	6.6	8.91251E+25	6.60	370.36	0.5834	157.52
ISC	2003/11/09 19:52:36.8000	-0.27	-19.26	15	MW	6.6	8.91251E+25	6.60	370.36	0.5834	157.52
ISC	1985/06/06 02:40:12.9500	0.932	-28.432	32	mw	6.6	8.91251E+25	6.60	370.36	0.5834	157.52
ISC	1995/05/18 00:06:27.4600	-0.893	-21.996	13	mw	6.7	1.25893E+26	6.70	464.16	0.7423	159.93
ISC	1995/05/18 00:06:27.4000	-0.893	-21.996	0	Mw	6.7	1.25893E+26	6.70	464.16	0.7423	159.93
ISC	2005/01/12 08:40:03.6500	-0.878	-21.194	10	MW	6.8	1.77828E+26	6.80	581.71	0.9443	162.34
ISC	2005/01/12 08:40:03.7000	-0.47	-20.53	12	MW	6.8	1.77828E+26	6.80	581.71	0.9443	162.34
ISC	1996/06/02 02:52:09.5500	10.797	-42.254	13	mw	6.8	1.77828E+26	6.80	581.71	0.9443	162.34
ISC	1981/07/07 21:10:57.7800	-0.166	-18.837	12	mw	6.8	1.77828E+26	6.80	581.71	0.9443	162.34
ISC	2008/02/08 09:38:14.1000	10.85	-41.71	0	MW	6.9	2.51189E+26	6.90	729.03	1.2011	164.75
ISC	1992/08/28 18:18:46.4400	-0.965	-13.562	37	mw	6.9	2.51189E+26	6.90	729.03	1.2011	164.75
ISC	1994/03/14 04:30:15.7000	-1.278	-23.569	10	Mw	7	3.54813E+26	7.00	913.66	1.5273	167.16
ISC	1994/03/14 04:30:15.7500	-1.278	-23.569	18	mw	7	3.54813E+26	7.00	913.66	1.5273	167.16
ISC	1982/01/03 14:09:50.4500	-0.972	-21.87	18	mw	7.1	5.01187E+26	7.10	1145.05	1.9417	169.57